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Hazırlık Serisi

IQ
Intelligence
Quotient

TAKTİK GROUP

PUZA YAYINLARI

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ÖNSÖZ

Herhangi bir bilgiyi belleğe sağlıklı olarak yerleştirebilmek için en bilinen ve en çok güvenilen yöntem tekrar yapmaktır. Kısa süreli bellekteki bir bilginin uzun süreli belleğe kaydolup geri çağırmasının gerçekleşebilmesi için sistemli tekrar yapmak şarttır. Kitabımızdaki konular bu amaç doğrultusunda soru tiplerine ve özelliklerine göre gruplandırılmıştır. Konuya ait tüm özellikler tek tek ele alınmıştır. Ölçülmek istenen bilgi ile ilgili sorular, farklı açılardan sorularak bilginin pekiştirilmesi sağlanmıştır. Böylece öğrenciler bölümdeki soruların çözülmesi için tüm konunun bitmesini beklemeyen öğrenilen soru tiplerinin çözümüne başlayabileceklerdir.

Kitabımızı referans alacak değerli meslektaşlarımız da konunun bitimini beklemeyen, konunun anlatılan kısmından öğrencilerine ödev verebileceklerdir. Kitaptaki tüm sorular bilgilerin tümevarım yöntemi ile öğrenilmesi için basit soru tiplerinden karmaşık soru tiplerine adım adım geçiş yapılacak şekilde düzenlenmiştir. Bölüm sonu testlerinde üst düzey analiz gerektiren sorulara yer verilmiştir.

Değerli öğretmenlerimize ve sevgili öğrencilerimize yararlı olması dileğiyle...

Uğur PUZA

FOREWORD

The most confident and well known way to put any kind of information into the memory safely is to repeat. For calling back the recorded information into the long term memory that is actually in the short term memory, systematic repetition is essential. The subjects in our book are classified according to the question types and attributes in parallel to this purpose. All the attributes regarding that topic have been considered one by one respectively.

The questions that are related to the information to be tested, are asked from various points of views to consolidate the information. As a result the students have the chance to start solving questions of all question types directly without waiting for the completion of the chapter for solving the questions. Our colleagues have also chance to give their students homework from the completed part without waiting for the full completion of the related chapter. All questions in the book are organized with the induction method that start with the simpler question types and improve into more complex question types. In the chapter final tests there are also question types that require higher level analysis skills. With our best wishes that this work will be useful to both our teachers and dear students...

Uğur PUZA

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1. KARABİBER → 952573742
a) BERİBAK = ?
- A) 7523742 B) 7423759 C) 7345749
D) 7423753 E) 7253452
- b) 37524 = ?
A) KİBAR B) BEKAR C) KABİR
D) İBARE E) BAKİR

2. KORKUTELİ ⇒ ○□▲○◆◆■●*
- a) ERİKOTU = ?
- A) ●◆▲○*■◆ B) ●▲○□*◆◆
C) ●▲*○□◆◆ D) ◆◆▲*◆○◆
E) ●▲◆◆□○◆
- b) ○*■□◆◆ = ?
A) KİLOLU B) KULELİ C) KORELİ
D) KURLTU E) KOKULU

3. KAYA } 1 6 4 6
AYAK } 4 6 5 2
TURA } 2 3 2 1
KUTU } 4 2 5 2
TARA } 1 2 3 2
- ⇒ TARA = ?
- A) 1646 B) 4652 C) 2321
D) 4252 E) 1232

4. □ ○ ■ } 1 3 4
■ □ ● } 2 3 5
▲ ● □ } 1 2 4
□ ▲ ■ } 2 5 1
▲ ○ ● } 4 1 5
- ⇒ ▲ ○ ● = ?
- A) 134 B) 235 C) 124 D) 251 E) 415

5. ■ ○ △ ● } 1515
△ ● ■ ○ } 4213
▲ ○ △ ■ } 1342
■ ▲ ■ ▲ } 3241
○ ● △ ■ } 5341
- ⇒ ▲ ○ △ ■ = ?
- A) 1515 B) 4213 C) 1342
D) 3241 E) 5341

6. GEL } ■ ● □
TIK } ■ ▲ △
GIT } ▲ ○ ▲
EKE } □ ● ○
TEL } □ ▲ △
- ⇒ TIK = ?
- A) ■ ● □ B) ■ ▲ △ C) ▲ ○ ▲
D) □ ● ○ E) □ ▲ △

7. 124 } ○ ● △
326 } ■ ● □
345 } ○ ■ ▲
564 } △ ▲ ●
241 } □ ■ ●
- ⇒ 564 = ?
- A) ○ ● △ B) ■ ● □ C) ○ ■ ▲
D) △ ▲ ● E) □ ■ ●

8. KARE } 3 7 4 5
PUPA } 2 6 1 7
PALU } 1 5 3 6
KUPE } 1 7 2 6
REKA } 3 5 3 7
- ⇒ KUPE = ?
- A) 3745 B) 2617 C) 1536
D) 1726 E) 3537

9. T A S A } 1 6 4 2
 S I R A } 7 5 4 5
 A S I K } 3 2 1 2
 T O K A } 3 5 7 2
 K O R O } 2 1 6 7

⇒ SIRA = ?

- A) 1642 B) 7545 C) 3212
 D) 3572 E) 2167

10. P A T } 4 3 1
 K E K } 2 5 2
 T A T } 1 5 2
 P E K } 4 3 4
 K E P } 1 3 4

⇒ PAKET = ?

- A) 15324 B) 43251 C) 14532
 D) 15432 E) 45123

11. B O B } 6 7 6
 R U F } 8 5 1
 L A L } 2 3 2
 F A R } 1 9 8
 K İ K } 4 5 4

⇒ RUF = ?

- A) 676 B) 851 C) 232 D) 198 E) 454

12. ○ ■ □ ● } 5 3 4 2
 ○ ▲ ● ■ } 3 5 4 2
 ▲ ■ □ ● } 5 2 1 4
 ▲ ○ ● ■ } 2 3 1 4
 ■ ○ □ ● } 3 2 1 4

⇒ ▲○●■ = ?

- A) 5214 B) 3542 C) 5342
 D) 2314 E) 3214

13. R A K E T } 2 3 1 4 5
 T E K A R } 3 2 5 4 1
 K A T E R } 1 2 3 4 5
 A K R E T } 5 4 3 2 1

⇒ KERAT = ?

- A) 21435 B) 35421 C) 12345
 D) 53421 E) 34125

14. 5 2 5 } △ ○ △
 2 4 2 } ○ ● ○
 4 5 4 } ● △ ●
 3 2 3 } ▲ ▲ ▲

⇒ 2345 = ?

- A) △▲●○ B) △▲○● C) ○▲●△
 D) ○▲△● E) ●▲△○

15. K A R A } □ ● ○ ■
 K A R T } □ ● ○ ●
 R A K A } ■ ● □ ●
 T A K A } ○ ● □ ●

⇒ TARAK = ?

- A) □●■●○ B) ■●□○● C) □●■●○
 D) ■●○●□ E) ○●■●□

16. K A L } 4 0 5
 F E S } 5 2 6
 L İ F } 6 1 7
 H A S } 7 3 9
 S U R } 8 0 7

⇒ LiF = ?

- A) 405 B) 526 C) 617 D) 739 E) 807

TAKTIK GROUP

1.

6 7 2 7 8 7	}	VURUCU
4 7 2 7 3 7		KIRICI
0 1 2 1 3 1		YARASA
4 5 2 5 3 5		KARACA
8 5 2 7 9 5		SIRALI

⇒ 012131 = ?

- A) VURUCU B) KIRICI C) YARASA
D) KARACA E) SIRALI

4.

KENAR	}	16945
RALLİ		16249
KİRAZ		54338
İKRAM		81540
KEŞAN		18547

⇒ İKRAM = ?

- A) 16945 B) 16249 C) 54338
D) 81540 E) 18547

2.

8 2 0 2 9	}	HABER
6 2 5 2 6		BEBEK
5 4 8 4 9		NAZAR
3 4 3 4 6		KAYAK
1 2 3 4 9		YENER

⇒ 82029 = ?

- A) HABER B) BEBEK C) NAZAR
D) KAYAK E) YENER

5.

ETKEN	}	47149
BANKA		24943
KETEN		14749
GENEL		15653
KURUL		80910

⇒ ETKEN = ?

- A) 47149 B) 24943 C) 14749
D) 15653 E) 80910

6.

5 4 3 4 0	}	MİSAL
3 4 5 4 1		BİLET
8 4 6 4 5		MASAL
3 2 5 4 1		SAMAN
9 2 1 7 8		TARAS

⇒ 84645 = ?

- A) MİSAL B) BİLET C) MASAL
D) SAMAN E) TARAS

3. KARA :

□	△	□	△
---	---	---	---

ELMAS :

△	□	□	△	□
---	---	---	---	---

MERAFLANMAK = ?

- A)

□	△	□	△	□	△	□	△	□
---	---	---	---	---	---	---	---	---

B)

□	△	□	△	□	△	□	△	□
---	---	---	---	---	---	---	---	---

C)

□	△	□	△	□	△	□	△	□
---	---	---	---	---	---	---	---	---

D)

□	△	□	△	□	△	□	△	□
---	---	---	---	---	---	---	---	---

E)

□	△	□	△	□	△	□	△	□
---	---	---	---	---	---	---	---	---

7.

SELEN	}	DEMİR = ?
SAKAR		
NADİR		
DEMİR		
MELEK		

- A) 94748 B) 54628 C) 63028
D) 03137 E) 93135

8. $\left. \begin{array}{l} 123452 \\ 212582 \\ 521503 \\ 236272 \\ 127943 \end{array} \right\} 127943 = ?$
- A) MANİSA B) MARDİN C) SAMSUN
D) ANKARA E) AMASYA

9. $\left. \begin{array}{l} T E R A S \\ S A N A T \\ T E N İ S \\ S A T E N \\ N E S İ R \end{array} \right\} \begin{array}{l} 75186 \\ 45781 \\ 45631 \\ 13734 \\ 13457 \end{array}$
- ⇒ SATEN = ?
- A) 75186 B) 45781 C) 45631
D) 13734 E) 13457

10. $\left. \begin{array}{l} 84972 \\ 27169 \\ 15214 \\ 95248 \\ 17849 \end{array} \right\} \begin{array}{l} \text{TESTİ} \\ \text{SATIR} \\ \text{RESİM} \\ \text{MİRAS} \\ \text{TAMİR} \end{array}$
- ⇒ 95248 = ?
- A) TESTİ B) SATIR C) RESİM
D) MİRAS E) TAMİR

11. $\left. \begin{array}{l} K E K \\ U L U \\ S A R \\ E K E \\ L U L \end{array} \right\} \begin{array}{l} 393 \\ 517 \\ 242 \\ 939 \\ 424 \end{array}$
- ⇒ SAR = ?
- A) 517 B) 939 C) 393
D) 242 E) 424

12. $\left. \begin{array}{l} \triangle \circ \\ \circ \square \\ \triangle * \\ \bullet * \end{array} \right\} \begin{array}{l} T A S A \\ L A R A \\ M A L A \\ M A S A \end{array}$
- ⇒ SALATA = ?
- A) $\square \triangle *$ B) $\triangle \circ \square$ C) $* \circ \bullet$
D) $* \square \triangle$ E) $\triangle \bullet *$

13. TOPHANELİ = ?
- A) $\circ \bullet \blacksquare \square \square \triangle \square \square \bullet$
B) $\bullet \circ \blacksquare \square \square \triangle \square \square \bullet$
C) $\circ \square \blacksquare \blacksquare \square \square \square \square \circ$
D) $\bullet \square \blacksquare \square \blacksquare \square \square \square \bullet$
E) $\circ \square \triangle \blacktriangle \square \square \square \square \bullet$

14. $\left. \begin{array}{l} P E N A \\ S E M A \\ L A L E \\ S E L E \\ A T E \text{Ş} \end{array} \right\} \Rightarrow \text{LALE} = ?$
- A) $\triangle \blacktriangle \triangle \triangle$ B) $\square \blacktriangle \square \blacktriangle$
C) $\blacktriangle \square \blacktriangle \square$ D) $\square \blacktriangle \triangle \blacktriangle$
E) $\circ \blacktriangle \bullet \blacktriangle$

15. $\left. \begin{array}{l} 12594 \\ 95421 \\ 42915 \\ 14259 \\ 51492 \end{array} \right\} \begin{array}{l} \blacktriangle \circ \square * \diamond \\ \diamond * \blacktriangle \square \bullet \\ * \bullet \diamond \square \blacktriangle \\ \square \diamond \bullet * \\ * \blacktriangle \diamond \square \end{array}$
- ⇒ 14259 = ?
- A) $\blacktriangle \circ \square * \diamond$ B) $\diamond * \blacktriangle \square \bullet$ C) $* \bullet \diamond \square \blacktriangle$
D) $\square \diamond \bullet *$ E) $* \blacktriangle \diamond \square$

16. $\left. \begin{array}{l} 12385 \\ 38215 \\ 51238 \\ 83125 \\ 12538 \end{array} \right\} \begin{array}{l} * \bullet \blacktriangle \diamond \\ \bullet \blacktriangle \diamond * \\ \bullet \blacktriangle * \blacktriangle \diamond \\ \blacksquare \blacktriangle \bullet * \\ \diamond \blacksquare \blacktriangle * \end{array}$
- ⇒ 38215 = ?
- A) $* \bullet \blacktriangle \diamond$ B) $\bullet \blacktriangle \diamond *$ C) $\bullet \blacktriangle * \blacktriangle \diamond$
D) $\diamond \blacksquare \blacktriangle *$ E) $\diamond \blacksquare \bullet *$

1. $\left. \begin{array}{l} 3\ 4\ 5 \\ 2\ 1\ 6 \\ 5\ 4\ 3 \\ 8\ 7\ 9 \\ 6\ 1\ 2 \end{array} \right\} \begin{array}{l} \blacktriangle * \square \\ \circ \blacklozenge \\ \triangle \bullet \blacksquare \\ \square * \blacktriangle \\ \blacksquare \bullet \triangle \end{array}$

$\Rightarrow 879 = ?$

- A) $\blacktriangle * \square$ B) $\circ \blacklozenge$ C) $\triangle \bullet \blacksquare$
D) $\square * \blacktriangle$ E) $\blacksquare \bullet \triangle$

5. $\left. \begin{array}{l} TOP \\ TOK \\ MOD \\ HOP \\ KOP \end{array} \right\} \begin{array}{l} 1\ 2\ 3 \\ 5\ 2\ 6 \\ 1\ 2\ 4 \\ 7\ 2\ 3 \\ 4\ 2\ 3 \end{array}$

$\Rightarrow KOP = ?$

- A) 123 B) 723 C) 526
D) 423 E) 124

2. KASATURA● = TURAKASA
 \blacktriangle TEPELEME = ETEPELEM
 \blacktriangle MOMENTUM● = OMEMTNMU● = TNMUOMEM
 \blacktriangle SAKLAMAK● = ?

- A) AMAKSAKL B) ASLKMAKA
C) KALSAKAM D) MAKAASLK
E) KSLAMAKA

6. $\left. \begin{array}{l} 1\ 2\ 3\ 4\ 5 \\ 1\ 4\ 3\ 2\ 5 \\ 3\ 4\ 6\ 4\ 1 \\ 3\ 4\ 3\ 4\ 6 \\ 1\ 2\ 7\ 4\ 6 \end{array} \right\} \begin{array}{l} TATAR \\ KATIP \\ KIBAR \\ KITAP \\ TARAK \end{array}$

$\Rightarrow 12345 = ?$

- A) TATAR B) KATIP C) KIBAR
D) KITAP E) TARAK

3. $\left. \begin{array}{l} 2\ 1\ 4\ 3\ 5 \\ 3\ 4\ 1\ 2\ 5 \\ 5\ 3\ 4\ 1\ 2 \\ 4\ 5\ 1\ 3\ 2 \\ 2\ 4\ 5\ 1\ 3 \end{array} \right\} \begin{array}{l} 76098 \\ 08697 \\ 79680 \\ 86970 \\ 60987 \end{array}$

$\Rightarrow 53412 = ?$

- A) 76098 B) 08697 C) 79680
D) 86970 E) 60987

7. MARMARİS = ?

- A) 34524567 B) 25625685
C) 76576589 D) 85655678






E) 12342335

4. $\left. \begin{array}{l} \triangle \nabla \circ \square \\ * \blacklozenge \circ \triangle \\ \triangle \blacklozenge \square * \\ \circ \square * \blacklozenge \\ \blacklozenge \circ \nabla \square \end{array} \right\} \begin{array}{l} 1\ 9\ 8\ 7 \\ 3\ 1\ 7\ 5 \\ 3\ 8\ 9\ 7 \\ 5\ 1\ 9\ 3 \\ 9\ 7\ 5\ 1 \end{array}$

$\Rightarrow * \circ \square \triangle \nabla = ?$

- A) 57983 B) 79538 C) 53789
D) 93857 E) 59738

8. KELEBEK = ?

- A) 
B) 
C) 
D) 
E) 

9. MELEK } ABCBD
 NADİR } AEFEG
 DEMİR } DEHLG
 SELEN } HBKLG
 SAKAR } KBCBF

⇒ DEMİR = ?

- A) ABCBD B) AEFEG C) DEHLG
 D) HBKLG E) KBCBF

13. MASAL } 91347
 METAL } 31946
 SELAM } 34746
 TEMAS } 71643
 SALEM } 74613

⇒ SELAM = ?

- A) 91347 B) 31946 C) 34746
 D) 71643 E) 74613

10. ▲□◆■● } 98723
 ○◆■▲□ } 79231
 ◆■○▲● } 21983
 ●■◆□○ } 79821
 ○◆▲●□ } 31987

⇒ ●□◆■○ = ?

- A) 98723 B) 79231 C) 21983
 D) 79821 E) 31987

11. SADE } ↓ ↑ ← →
 DESA } → ↓ → ←
 ASAD } ↓ → ← ↑
 DESE } ← ↑ ↓ →
 SEDA } ← ↑ ↓ ↑

⇒ DESA = ?

- A) ↓ ↑ ← → B) → ↓ → ← C) ↓ → ← ↑
 D) ← ↑ ↓ → E) ← ↑ ↓ ↑

14. A S A } 3 1 3
 K E K } 4 8 2
 S A S } 5 7 5
 L O R } 1 3 1
 E K E } 7 5 7

⇒ LOR = ?

- A) 313 B) 482 C) 575
 D) 131 E) 757

15. P A T } 7 2 9
 L O S } 1 4 5
 D E R } 9 2 7
 T A P } 3 6 0
 S O L } 5 4 1

⇒ DER = ?

- A) 729 B) 145 C) 927
 D) 360 E) 541

12. ▲■○ }
 ▲○■ }
 ■▲○ }
 ○■▲ }
 } = ?

- A) 125 B) 763 C) 894
 152 736 849
 512 673 948
 251 367 489
 D) 295 E) 741
 259 714
 592 147
 992 474

16. 3 7 0 8 6 } ★◆*■◎
 8 0 6 7 3 } ◆*◎★□
 6 7 8 3 0 } □★◆◎*
 3 6 7 0 8 } ★*□◎◆
 0 3 6 8 7 } ◎□◆**

⇒ 3 6 7 0 8 = ?

- A) ◎□◆** B) ★*□◎◆ C) □★◆◎*
 D) ◆*◎★□ E) ★◆*□◎

TAKTİK GROUP

1. A S T A R } 5 2 9 3 1
 T A R A K } 6 3 5 3 9
 K A T A R } 3 1 5 3 9
 R A S A T } 5 3 9 3 6
 T E R A S } 9 3 1 3 5

⇒ RASAT = ?

- A) 52931 B) 63539 C) 31539
 D) 53936 E) 93135

5. 3 4 5 2 1 } 0 9 8 6 7
 4 5 3 1 2 } 6 8 7 0 9
 5 4 1 2 3 } 0 7 8 9 6
 3 1 4 5 2 } 7 0 6 8 9
 5 2 1 3 4 } 6 7 0 9 8

⇒ 31452 = ?

- A) 09867 B) 68709 C) 07896
 D) 70689 E) 67098

2. 1 9 2 3 4 } *▲■▼●
 4 3 2 1 9 } ▲*▼■●
 2 3 9 4 1 } ●▼▲*■
 1 4 9 3 2 } ■*▲●▼
 3 2 4 9 1 } ●■▼*▲

⇒ 23941 = ?

- A) *▲■▼● B) ▲*▼■● C) ●▼▲*■
 D) ■*▲●▼ E) ●■▼*▲

6. 5 3 8 2 1 } ◆♦◆□
 1 2 3 8 5 } ◆♦□◆
 2 3 5 1 8 } ◆□◆◆
 3 1 5 2 8 } □◆◆◆
 8 5 2 3 1 } ◆◆◆◆

⇒ 12385 = ?

- A) ◆◆◆◆ B) ◆◆◆◆
 C) ◆◆◆◆ D) ◆◆◆◆
 E) ◆◆◆◆

3. R A Z } 4 0 6
 S İ M } 3 1 7
 T E K } 9 2 5
 Z A R } 7 1 3
 K E T } 5 2 9

⇒ SIM = ?

- A) 406 B) 317 C) 925
 D) 713 E) 529

7. T A S L A K } 8 4 3 8 4 9
 K Ö S T E K } 2 7 8 2 7 8
 S E K S E K } 1 4 2 3 4 8
 K A S N A K } 8 5 2 1 7 8
 K A L K A N } 8 4 2 9 4 8

⇒ KASNAK = ?

- A) 843849 B) 278278 C) 142348
 D) 852178 E) 842948

4. M A S A L } 4 6 3 8 7
 S A L A M } 5 6 4 6 7
 K E M E R } 4 2 3 2 1
 R E S İ M } 3 2 1 2 4
 M E S İ R } 7 6 3 8 4

⇒ RESİM = ?

- A) 46387 B) 56467 C) 42321
 D) 32124 E) 76384

8. S İ M } ●◆□
 T O K } ☼*◆
 M İ S } ■◆▲
 K O T } ◆*☼
 Z A R } □◆●

⇒ ZAR = ?

- A) ●◆□ B) ☼*◆ C) ■◆▲
 D) ◆*☼ E) □◆●

9. C A C I K } 2 1 7 1 9
S I C A K } 7 4 5 1 8
K U C A K } 7 1 8 1 2
S A K A R } 8 3 5 1 8
R A S A T } 5 1 5 4 8

⇒ SAKAR = ?

- A) 21719 B) 74518 C) 71812 D) 83518 E) 51548

13. 2 1 8 1 2 } K O L Y E
3 4 7 9 4 } K A V A K
2 5 6 0 4 } K E M A L
8 5 6 7 1 } V O L T A
2 4 3 1 6 } M E T R E

⇒ 85671 = ?

- A) KOLYE B) KAVAK C) KEMAL
D) VOLTA E) METRE

10. T A S A } ▲ *
K A T A } ● ■
S A N A } ▲ ■
S A K A } ● ▲
T A K A } ■ ●

⇒ TAKA = ?

- A) ▲* B) ●■ C) ▲■ D) ●▲ E) ■●

14. 9 8 6 7 2 } O R M A N
8 6 4 5 9 } A R M U T
4 5 6 8 9 } M A R U L
3 6 4 8 0 } M U R A T
4 8 6 5 1 } T A R İ H

⇒ 86459 = ?

- A) ORMAN B) ARMUT C) MARUL
D) MURAT E) TARİH

11. M O R } 5 2 1
S A T } 3 9 7
Z İ L } 1 2 5
T A S } 8 4 6
R O M } 7 9 3

⇒ ZİL = ?

- A) 521 B) 397 C) 125
D) 846 E) 793

15. T E K E L } 2 5 1 3 8
Y E L E K } 4 5 0 1 8
P A T E N } 9 3 1 3 8
Y A R E N } 4 3 7 3 9
K E T E N } 1 3 9 3 7

⇒ YELEK = ?

- A) 25138 B) 45018 C) 93138
D) 13937 E) 43739

12. ■ ● ◆ * } 6 0 1 2
★ ■ * ▲ } 9 4 6 0
★ ◆ ● * } 1 2 6 9
▲ ■ ● ★ } 2 6 4 0
● * ▲ ■ } 9 2 0 1

⇒ ★ ■ * ▲ = ?

- A) 6012 B) 9460 C) 1269
D) 2640 E) 9201

16. 0 3 6 4 1 0 } L E Z Z E T
6 3 2 0 5 7 } M E S A F E
0 3 2 0 1 7 } M A H M U T
0 5 8 3 9 5 } Z A H M E T
4 5 6 6 5 7 } M A Z L U M

⇒ 036410 = ?

- A) LEZZET B) MESAFE C) MAHMUT
D) ZAHMET E) MAZLUM

1. $\left. \begin{array}{l} D E L I \\ T A V A \\ K I S A \\ S A P A \\ P A L A \end{array} \right\} \begin{array}{l} 16 \\ 91 \\ 27 \\ 85 \\ 63 \end{array}$

⇒ PALA = ?

- A) 16 B) 91 C) 27 A) 74689 B) 95764 C) 87946
D) 85 E) 63 D) 65497 E) 49578

4. $\left. \begin{array}{l} H L M G N \\ K M H N G \\ M N G K H \\ N H L M K \\ G L N H M \end{array} \right\} \begin{array}{l} 7 4 6 8 9 \\ 9 5 7 6 4 \\ 8 7 9 4 6 \\ 6 5 4 9 7 \\ 4 9 5 7 8 \end{array}$

⇒ KMHNG = ?

2. $\left. \begin{array}{l} 5 4 8 6 3 \\ 8 2 3 5 6 \\ 3 5 6 2 4 \\ 4 3 5 8 2 \\ 2 8 4 3 5 \end{array} \right\} \begin{array}{l} \bullet \blacktriangle \square \circ \\ \blacktriangle \triangle \circ \bullet \\ \square \circ \blacktriangle \blacktriangle \\ \bullet \circ \square \triangle \blacktriangle \\ \circ \square \bullet \blacktriangle \blacktriangle \end{array}$

⇒ 82356 = ?

- A) $\bullet \blacktriangle \square \circ$ B) $\blacktriangle \blacktriangle \triangle \circ \bullet$
C) $\square \circ \bullet \blacktriangle \triangle$ D) $\bullet \bullet \circ \square \triangle \blacktriangle$
E) $\circ \square \bullet \blacktriangle \blacktriangle$

5. $\left. \begin{array}{l} 3 7 5 8 9 \\ 4 5 9 3 7 \\ 7 9 8 4 5 \\ 5 8 3 7 4 \\ 9 3 4 5 8 \end{array} \right\} \begin{array}{l} 8 4 7 9 3 \\ 4 5 9 3 8 \\ 9 3 4 5 7 \\ 7 9 8 4 5 \\ 3 7 5 8 4 \end{array}$

⇒ 45937 = ?

- A) 84793 B) 45938 C) 93457
D) 79845 E) 37584

3. $\left. \begin{array}{l} b f a d h \\ h c b a f \\ f h c b a \\ c d f h b \\ a b h f c \end{array} \right\} \begin{array}{l} 35472 \\ 73295 \\ 27534 \\ 54723 \\ 49357 \end{array}$

⇒ hcbaf = ?

- A) 73295 B) 35472 C) 54723
D) 27534 E) 49357

6. $\left. \begin{array}{l} 1 3 5 7 4 \\ 5 7 1 3 6 \\ 4 5 3 6 1 \\ 7 1 4 5 3 \\ 3 4 7 1 5 \end{array} \right\} \begin{array}{l} 3 1 6 4 7 \\ 1 7 4 3 6 \\ 7 6 1 5 3 \\ 4 3 7 6 1 \\ 6 4 3 1 5 \end{array}$

⇒ 57136 = ?

- A) 31647 B) 17436 C) 76153
D) 43761 E) 64315

TAKTİK GROUP

7. $\left. \begin{array}{l} A B C D \\ A C S D \\ A N T D \\ A S B D \\ A L N D \end{array} \right\} \Rightarrow ANTD = ?$

- A) 3925 B) 3265 C) 3485
D) 3695 E) 3745

11. $\left. \begin{array}{l} S A L \\ K E L \\ L A S \\ L E K \\ S E L \end{array} \right\} \begin{array}{l} 2 1 3 \\ 3 5 4 \\ 4 1 3 \\ 3 1 2 \\ 4 5 3 \end{array}$

$\Rightarrow KAS = ?$

- A) 214 B) 452 C) 254
D) 423 E) 453


8. LEGA : 2134
LİŞME : 26571
 \Rightarrow GENELLEŞTİRME = ?

- A) 3292112685072 B) 4393223187053
C) 3404224197854 D) 3191221586071
E) 4303223157953

12. $\left. \begin{array}{l} Z E K A \\ S E K A \\ S E F A \\ L E N A \\ F E N A \end{array} \right\} \begin{array}{l} 5 6 0 8 \\ 1 6 3 8 \\ 1 6 7 8 \\ 4 6 7 8 \\ 3 6 0 8 \end{array}$

$\Rightarrow ZEKA = ?$

- A) 5608 B) 1638 C) 1678
D) 4678 E) 3608

9. LOMBARDIA \rightarrow 
 \Rightarrow BLOMBİRD = ?

- A) $\bigcirc \blacksquare \blacktriangle \nabla \bigcirc \blacksquare \star \times$ B) $\bullet \square \nabla \blacksquare \bullet \nabla \star \times$
C) $\star \times \blacksquare \blacktriangle \star \square \nabla \bigcirc$ D) $\times \nabla \star \blacksquare \times \bigcirc \square \blacktriangle$
E) $\nabla \blacktriangle \square \blacksquare \nabla \times \bigcirc \star$

13. $\left. \begin{array}{l} \bigcirc \triangle \square \nabla \\ \square \star \nabla \bigcirc \\ \star \bigcirc \triangle \square \\ \triangle \square \bigcirc \star \\ \square \nabla \triangle \star \end{array} \right\} \begin{array}{l} 4256 \\ 2541 \\ 5621 \\ 1425 \\ 5164 \end{array}$

$\Rightarrow \bigcirc \triangle \square \nabla = ?$

- A) 4256 B) 2541 C) 5621
D) 1425 E) 5164

10. $\left. \begin{array}{l} L E K E \\ S O B A \\ R A T A \\ P E L E \\ F O R A \end{array} \right\} \begin{array}{l} \star \square \\ \triangle \star \\ \bigcirc \bullet \\ \nabla \blacksquare \\ \blacktriangle \bigcirc \end{array}$

\Rightarrow SOBA = ?

- A) $\star \square$ B) $\triangle \star$ C) $\bigcirc \bullet$
D) $\nabla \blacksquare$ E) $\blacktriangle \bigcirc$

14. $\left. \begin{array}{l} \square \bigcirc \blacklozenge \star \blacktriangle \\ \blacklozenge \square \nabla \bullet \bigcirc \\ \nabla \bullet \star \bigcirc \square \\ \bigcirc \blacksquare \blacktriangle \blacklozenge \\ \star \nabla \blacksquare \bullet \end{array} \right\} \begin{array}{l} 12974 \\ 43021 \\ 24150 \\ 97542 \\ 59307 \end{array}$

$\Rightarrow \square \bigcirc \blacklozenge \star \blacktriangle = ?$

- A) 12974 B) 43021 C) 24150
D) 97542 E) 59307

1. KEME
EKEL
KELE
ALİM
ALEM } ⇒ ALEM = ?

- A) 4031 B) 5303 C) 4021
D) 5313 E) 3530

5. YOLCU
KALAY
UKALA
KAYAK
AKALA } ⇒ KAYAK = ?

- A) 65254 B) 76525 C) 43217
D) 56525 E) 65456

2. AKIN
EREK
AKIR
EREN
RENK } ⇒ AKIN = ?

- A) 3462 B) 1215 C) 1214
D) 2154 E) 3465

6. SULUT
ALASA
SEKEL
AKLET
TAKUL } ⇒ AKLET = ?

- A) 73727 B) 25354 C) 71364
D) 47153 E) 26163

3. URUK
KURU
UZUN
KORU
ZONK } ⇒ KORU = ?

- A) 4356 B) 4656 C) 2314
D) 6564 E) 6261

7. ATAMA
İLİDE
EKMEK
TEKTE
DİLİM } ⇒ EKMEK = ?

- A) 73673 B) 97397 C) 40457
D) 54046 E) 29262

4. KÜREK
KİSİR
SİKAR
SÜREK
KASİR } ⇒ SÜREK = ?

- A) 54201 B) 26135 C) 56135
D) 50201 E) 20541

8. YAPTI
YIKMA
KAPTI
SUSMA
MUSKA } ⇒ MUSKA = ?

- A) 34397 B) 17082 C) 94367
D) 67082 E) 12697

9. PATEN
MERAL
İKAME
TİLKİ
İLMİK } ⇒ İKAME = ?

- A) 06903 B) 92186 C) 48527
D) 03892 E) 50630

13. TAKSİ
ALTAN
TAKLA
AKTAN
KİSLİ } ⇒ ALTAN = ?

- A) UBMŞJ B) MJŞPJ C) BMUBO
D) UBMPB E) BPUBO

10. AKBEL
BAKAN
KORNA
FİKİR
İDARE } ⇒ BAKAN = ?

- A) 39247 B) 08382 C) 85726
D) 57374 E) 73561

14. YAPAN
ANANE
BENĞİ
GİYER
İBRİN } ⇒ GİYER = ?

- A) 02164 B) 28427 C) 13537
D) 86702 E) 37376

11. UÇKUR
LAÇKA
YULAR
UÇLUK
YAKAR } ⇒ UÇKUR = ?

- A) EZMNU B) ZOMZI C) ENINJ
D) ZOIZJ E) MNOIN

15. DİŞ
KUŞ
ŞİŞ
KOŞ
ŞON } ⇒ KOŞ = ?

- A) 137 B) 737 C) 567
D) 527 E) 728

12. SÜLÜS
EKSİK
SERER
KÜREK
KESİR } ⇒ KÜREK = ?

- A) TNANA B) ÖVANÖ C) NÖTZÖ
D) ÖNTZA E) TVCVT

16. DİYOR
DAVAR
DİNAR
NARİN
DİVAN } ⇒ DİVAN = ?

- A) 53901 B) 53782 C) 58781
D) 28132 E) 53281

1. Ç A T
S A T
T A S
S A K
M A T } ⇒ TAS = ?

- A) 768 B) 867 C) 763
D) 368 E) 568

5. K E R T
T A A M
E M M İ
İ T E K
M İ R A } ⇒ İTEK = ?

- A) 2470 B) 5376 C) 6002
D) 3224 E) 4635

2. K A V A K
Ç A T A L
K A Ş I K
K A Ç A K
K A V A L } ⇒ KAÇAK = ?

- A) 13431 B) 13931 C) 13435
D) 13671 E) 93835

6. İ T M E
E R L İ
R İ T M
M E R T
A L A M } ⇒ RİTM = ?

- A) 5672 B) 2145 C) 4561
D) 3734 E) 6214

3. S E L E
L E K E
K E S E
T E K E
M E L E } ⇒ MELE = ?

- A) 4131 B) 3121 C) 5141
D) 2141 E) 6131

7. L İ M A
E K İ N
K E N E
İ N E K
M A L İ } ⇒ LİMA = ?

- A) 1354 B) 5413 C) 7262
D) 2746 E) 4627

4. R İ Z E
A L M A
E Z İ M
M E A L
L A R İ } ⇒ RİZE = ?

- A) 3654 B) 2716 C) 6173
D) 5435 E) 4527

8. L İ M A
E K İ N
K E N E
İ N E K
M A L İ } ⇒ İNEK = ?

- A) 8943 B) 4389 C) 9838
D) 7456 E) 0674

9. SUNTA
TASMU
URTEF
ASMAN
ENFUR } ⇒ SUNTA = ?

- A) 19362 B) 62173 C) 85489
D) 56978 E) 78546

13. ESER
SIRA
İŞİT
ŞİŞİ
TESE } ⇒ ESER = ?

- A) 8789 B) 7878 C) 9262
D) 2625 E) 6453

10. KARA
DARA
RAMA
MAKA
TAMA } ⇒ KARA = ?

- A) 4979 B) 6979 C) 8969
D) 7989 E) 5969

14. ESER
İFİS
FİRE
ERFİ
RİFİ } ⇒ ESER = ?

- A) 6858 B) 8587 C) 9658
D) 9796 E) 5869

11. AKAN
FAİK
KİNA
FAKİ
NAKF } ⇒ FAİK = ?

- A) 6879 B) 9758 C) 5896
D) 8985 E) 6897

15. ALGI
ALİÇ
ALÇİ
ALİK
ALİM } ⇒ ALÇİ = ?

- A) 5476 B) 5468 C) 5469
D) 5463 E) 5486

12. ZAFER
TIKIZ
SİKİL
TALAR
FİSER } ⇒ ZAFER = ?

- A) 05251 B) 96862 C) 45371
D) 06864 E) 36971

16. KOŞ
ŞAK
AŞK
KİŞ
ŞİK } ⇒ ŞAK = ?

- A) 184 B) 341 C) 431
D) 174 E) 471

1. CAZİP
VACİP
CAVİT
TAVİZ
ZİVAT } ⇒ ZİVAT = ?

- A) 31748 B) 51247 C) 74215
D) 31245 E) 21348

5. SAİK
KİRA
AKAR
RAKS
SAKİ } ⇒ RAKS = ?

- A) 5214 B) 4231 C) 2125
D) 4213 E) 1352

2. KAP
SAT
YAK
PAS
KAN }
304
102
501
203
106
⇒ PAS = ?

- A) 304 B) 102 C) 501
D) 203 E) 106

6. KETE
SELE
TEKE
KEÇE
KESE }
3494
1474
1434
1484
8414
⇒ KEÇE = ?

- A) 1434 B) 1484 C) 1474
D) 3494 E) 8414

3. ŞİKE
EKŞİ
İŞİT
KİŞİ
ETEK } ⇒ KİŞİ = ?

- A) 4252 B) 1314 C) 2523
D) 5241 E) 1452

7. YAP
ÇAK
TAS
PAY
SAT } ⇒ ÇAK = ?

- A) 502 B) 205 C) 103
D) 604 E) 301

4. KARE
VADE
HARE
PAYE
HANE } ⇒ HARE = ?

- A) 5172 B) 8192 C) 5102
D) 6172 E) 3142

8. SAAT
VAAZ
ŞİİR
TARZ
FİİL }
2885
0337
4886
9331
1357
⇒ FİİL = ?

- A) 0337 B) 9331 C) 2885
D) 4886 E) 1357

9. GÖZ
KÖK
GÖK
KÖZ
ÇÖZ } ⇒ KÖZ = ?

- A) 531 B) 431 C) 231
D) 232 E) 432

13. ÇAT
TAK
KAK
KAT
ÇAK } ⇒ ÇAK = ?

- A) 851 B) 353 C) 153
D) 853 E) 351

10. SANIK
CACIK
KINIK
KANIK
GICIK } ⇒ KINIK = ?

- A) 25213 B) 65413 C) 71213
D) 31413 E) 35413

14. LONCA
KANCA
GONCA
LOKMA
KAKMA } ⇒ GONCA = ?

- A) 69837 B) 19837 C) 47427
D) 69427 E) 47837

11. KÜL
SEL
KES
KEK
SEK } ⇒ KES = ?

- A) 376 B) 315 C) 373
D) 673 E) 675

15. AŞAR
AŞÇI
ÖŞÜR
ŞAİR
ACIR } ⇒ ACIR = ?

- A) 5482 B) 4632 C) 4542
D) 1572 E) 4563

12. SALI
SELE
SANA
DEDE
ENSE } ⇒ SELE = ?

- A) 6593 B) 8768 C) 6575
D) 6898 E) 2828

16. SAKİ
SAMI
SİMA
KISA
AKİS } ⇒ KISA = ?

- A) 1354 B) 3541 C) 5713
D) 1463 E) 1364

TAKTİK GROUP

1. EKLER
TEKLİ
KİRTE
ARCİN
İNTAC } ⇒ KİRTE = ?

- A) 91748 B) 25621 C) 32564
D) 54132 E) 48397

2. KAÇIK
ESMER
ÇEKİÇ
AKÇAM
SORMA } ⇒ ÇEKİÇ = ?

- A) 86182 B) 45328 C) 68136
D) 74273 E) 17691

3. AKAR
AKAK
RAKI
RACİ
GAZİ } ⇒ AKAK = ?

- A) 3276 B) 3245 C) 2423
D) 2424 E) 1286

4. ○ △ □ } = ?
△ ○ ○ }
□ □ △ }

- A) 131 B) 314 C) 134
311 131 311
443 433 441
D) 232 E) 213
322 122
443 331

5. ▲ ● ◆ } = ?
■ ◆ ▲ ● }
■ ▲ ● ▲ }

- A) 2143 B) 3143 C) 2143
4321 4331 4323
4122 4212 4212
D) 2143 E) 2143
3211 4321
3242 4212

6. FAL } 452
KEL } 362
KAF } 254
TEL } 162
LAF } 154

⇒ TEL = ?

- A) 452 B) 362 C) 254
D) 162 E) 154

7. KOLA } 5231
MOLA } 5142
MAKO } 4231
KOMA } 3152
LAKO } 3142

⇒ KOMA = ?

- A) 5231 B) 5142 C) 4231
D) 3152 E) 3142

8. 8 2 7 } ■ + ▲
9 5 0 } △ □ ★
7 2 8 } ▲ + ■
3 1 4 } ★ □ △
0 5 9 } × ○ ●

⇒ 314 = ?

- A) ★ □ △ B) × ○ ● C) ▲ + ■
D) △ □ ★ E) ■ + ▲

9. GÖZEN = ○ △ □ ★ ▽
⇒ ÖZGE = ?

- A) △ ○ ★ □ B) △ ★ □ ○ C) □ ○ ★ △
D) △ □ ○ ★ E) △ ★ □ ○

10. TESBİT = ○ △ □ ▢ ◆ ○
⇒ BESTE = ?

- A) △ □ ○ △ ▢ B) ○ □ △ △ ▢
C) ▢ □ △ ○ △ D) ▢ △ □ ○ △
E) △ ○ ▢ □ △

11. T Ü P } 3 1 5
T O K } 5 1 3
K Ü P } 3 7 5
K O T } 3 7 2
K Ü T } 5 7 2
⇒ KOT = ?

- A) 315 B) 513 C) 375
D) 372 E) 572

12. EKMEK } 2 1 6 1 7
KELEK } 9 1 8 1 3
FELEK } 3 1 6 1 3
SEPET } 1 3 5 1 3
KEPEK } 3 1 8 1 3
⇒ KEPEK = ?

- A) 91813 B) 21617 C) 13513
D) 31613 E) 31813

13. K A R A }
A R I K } ⇒ KINA = ?
I R A K }
A K I N }
K I N A }

- A) 4563 B) 5234 C) 3456
D) 4323 E) 3254

14. YOLCU }
KOLAY } ⇒ KOLAY = ?
KAPAK }
YAPAY }
PULCU }

- A) 73412 B) 21812 C) 86456
D) 23456 E) 71817

15. KATLA } 7 2 4 5 2
PATLA } 5 2 3 6 2
TAKLA } 1 2 3 6 2
ŞAPKA } 4 2 3 6 2
ÇATLA } 3 2 5 6 2
⇒ ŞAPKA = ?

- A) 72452 B) 52362 C) 12362
D) 42362 E) 32562

16. ALTAN } 3 8 6 4 0
AYTEN } 3 8 1 4 9
AYLİN } 3 0 1 3 9
AYNUR } 3 8 0 5 9
AYSEL } 3 8 9 7 2
⇒ AYSEL = ?

- A) 38149 B) 30139 C) 38059
D) 38972 E) 38640

TAKTİK GROUP

1. YABAN } HPSPF
ANANE } CDHLO
BENGİ } PFPFL
GİYER } DSODZ
İBRİK } SLFCD

⇒ GİYER = ?

A) HPSPF B) CDHLO C) PFPFL
D) DSODZ E) SLFCD

2. 1 9 2 8 0 }
0 8 1 9 0 } ⇒ 08190 = ?
7 4 6 8 0 }
2 9 3 9 0 }
9 2 7 4 0 }

⇒ 08190 = ?

A) ŞAHİN B) NİŞAN C) SERİN
D) AHSEN E) HAZAN

3. 90387 }
12930 } ⇒ 12930 = ?
84962 }
50962 }
92616 }

A) ŞEHLA B) MAHUE C) HEUŞU
D) HALİT E) İRHUE

4. TANIK }
SAÇMA } ⇒ TEKNE = ?
KANIT }
TEKNE }
ÇEMEN }

A) 95865 B) 87671 C) 35142
D) 25143 E) 37217

5. 38676 }
93532 } ⇒ 63734 = ?
71819 }
82854 }
63734 }

A) 51413 B) 40478 C) 94656
D) 39790 E) 69598

6. TAÇ }
TAP } ⇒ TAÇ = ?
TAK }
ÇAT }
ÇAŞ }

A) 134 B) 135 C) 236
D) 132 E) 231

7. YAB }
NES } ⇒ LOS = ?
LOS }
YAS }
NEB }

A) 928 B) 371 C) 041
D) 048 E) 378

8. TUT }
MAG } ⇒ ŞUD = ?
SUS }
KOK }
ŞUD }

A) 252 B) 404 C) 951
D) 757 E) 863

9. LAH
MIÇ
ÇEM
ENE
LIB } ⇒ ÇEM = ?

- A) 301 B) 207 C) 545
D) 368 E) 752

13. ALE
KAZ
ELİ
RİB
ŞOL } ⇒ KAZ = ?

- A) 093 B) 490 C) 832
D) 169 E) 547

10. NİF
HİN
NİÇ
LİK
NİH } ⇒ NİH = ?

- A) 957 B) 351 C) 350
D) 153 E) 354

14. KEK
YOT
MUM
TAY
FAL } ⇒ TAY = ?

- A) 858 B) 604 C) 973
D) 309 E) 212

11. YEM
MEY
ŞEK
KEŞ
REH } ⇒ REH = ?

- A) 249 B) 047 C) 942
D) 146 E) 641

15. POJ
POB
PAH
TAP
HAP } ⇒ HAP = ?

- A) 673 B) 476 C) 376
D) 619 E) 615

12. ŞAT
LAB
LİK
KEÇ
ŞOK } ⇒ KEÇ = ?

- A) 768 B) 845 C) 238
D) 219 E) 710

16. TÜRK
RAST
SARK
TART
KART } ⇒ RAST = ?

- A) 5164 B) 4253 C) 3154
D) 6153 E) 4154

1. T İ L K İ
S İ L E N
K İ R L İ
E R K E N
İ L K İ N } ⇒ ERKEN = ?

- A) 43253 B) 63581 C) 73543
D) 35431 E) 82481

5. O Y U N
K U Y U
U Y K U
K O N U
O Y U K } ⇒ KUYU = ?

- A) 7526 B) 7523 C) 6252
D) 2562 E) 6732

2. A S İ K
E M İ R
S A R I
R İ S K
K İ S A } ⇒ EMİR = ?

- A) 3942 B) 2746 C) 4637
D) 5893 E) 6472

6. E P İ K
İ P E K
A L E T
P İ D E
A D İ L } ⇒ İPEK = ?

- A) 3542 B) 7648 C) 3975
D) 4678 E) 6794

3. S İ G A R A
A N T İ K A
K A S A B A
İ T İ K A T
T İ N T A N } ⇒ KASABA = ?

- A) 823212 B) 374252 C) 269782
D) 976926 E) 797829

7. E L M A S
S E L M A
S E L E N
N E L E S
M A S A L } ⇒ SELMA = ?

- A) 09792 B) 29790 C) 31017
D) 97310 E) 09731

4. T A P A N
A N T İ K
K İ T A P
P A S T A
S A K İ N } ⇒ KİTAP = ?

- A) 43251 B) 25157 C) 65437
D) 15625 E) 57234

8. G Ü Z E L
L E Z İ Z
R E Z İ L
A Z İ Z E
A Z E R İ } ⇒ AZERİ = ?

- A) 75281 B) 34251 C) 62578
D) 62825 E) 15282

9. İ L K E
A L Ç I
Ç İ L E
A K Ç E
E L Ç İ

⇒ İLKE = ?

- A) 3461 B) 4621 C) 1634
D) 5231 E) 5637

13. M A R K
E R K A
T E R K
T E K E
A K A R

⇒ MARK = ?

- A) 6314 B) 4143 C) 2431
D) 5631 E) 5616

10. İ R M A K
T A R A K
K A R A R
K İ R İ K
A R T İ K

⇒ İRMAK = ?

- A) 12321 B) 23451 C) 65351
D) 53621 E) 15353

14. Ö L Ç
T E R
E L T
Ç Ö L
T E L

⇒ TEL = ?

- A) 532 B) 536 C) 461
D) 146 E) 365

11. K E P
E R İ
P İ L
İ P E
P İ R

⇒ PİR = ?

- A) 456 B) 542 C) 124
D) 453 E) 235

15. İ Ş T E
Ş A T O
M A V İ
A T O M
V E T O

⇒ MAVİ = ?

- A) 1234 B) 2538 C) 7438
D) 6571 E) 5386

12. Ç A T I
K A R T
T R E N
A T A Ç
İ R A K

⇒ İRAK = ?

- A) 2341 B) 5256 C) 7358
D) 6527 E) 8532

16. S Ü T
Ü T Ü
T Ü Y
Y Ü N
Ü N Ü

⇒ SÜT = ?

- A) 324 B) 252 C) 425
D) 123 E) 232

1. K A R T
Y A K A
A Y I K
A Y A K
K I R K } ⇒ KART = ?

- A) 2532 B) 6121 C) 2134
D) 1652 E) 1612

5. Ş İ Ş E
A K İ N
N E Ş E
E Ş İ K
K İ Ş İ } ⇒ NEŞE = ?

- A) 7374 B) 5216 C) 6474
D) 4732 E) 2373

2. D A R
V E R
V A N
A N A
E V E } ⇒ ANA = ?

- A) 565 B) 643 C) 241
D) 434 E) 651

6. K İ R
K A R
S E T
T A S
S A T } ⇒ TAS = ?

- A) 456 B) 153 C) 123
D) 476 E) 654

3. K U Ş
B A Ş
T U R
A R Ş
D İ Ş } ⇒ KUŞ = ?

- A) 817 B) 215 C) 965
D) 435 E) 375

7. M O L A
C A M İ
F A A L
L O C A
D O L U } ⇒ DOLU = ?

- A) 2976 B) 8529 C) 4998
D) 3581 E) 7589

4. Ü T Ü
T E F
O T O
Ü Y E
F E N } ⇒ ÜYE = ?

- A) 518 B) 283 C) 565
D) 682 E) 464

8. A M A Ç
Ç A R K
K A S A
K U R S
S A R I } ⇒ KURS = ?

- A) 8379 B) 3435 C) 5372
D) 2178 E) 2383

9. DAM
AZA
DİL
LOŞ
ÇİM } ⇒ DAM = ?

- A) 141 B) 738 C) 267
D) 215 E) 965

13. TAKA
TUKA
YAKA
ŞAKA
TOKA } ⇒ TAKA = ?

- A) 2831 B) 5131 C) 2131
D) 7131 E) 2431

10. EMMEK
UŞŞAK
AYYAŞ
EVVEL
UMMAK } ⇒ EVVEL = ?

- A) 64468 B) 69960 C) 14458
D) 13358 E) 57753

14. SÜT
ÜST
TÜM
TAM
TAS } ⇒ ÜST = ?

- A) 416 B) 524 C) 415
D) 426 E) 254

11. LAV
FİN
NAZ
ANİ
KAV } ⇒ NAZ = ?

- A) 816 B) 361 C) 432
D) 639 E) 532

15. SAYI
YASA
ASTI
İSİT
TASA } ⇒ YASA = ?

- A) 6242 B) 3431 C) 1242
D) 2413 E) 4263

12. OLAY
KIYI
YAYA
AYAK
ALAY } ⇒ KIYI = ?

- A) 3737 B) 7473 C) 8473
D) 7376 E) 6535

16. TEST
KIRK
TOST
TART
SERT } ⇒ TEST = ?

- A) 3753 B) 4653 C) 3643
D) 2952 E) 3843

1. S I R A
T A S A
A S I R
R A K I
I R A K } ⇒ SIRA = ?

- A) 5897 B) 7589 C) 6758 D) 4868 E) 8675

5. H İ L E
İ N L E
E K L E
E H İ L
İ N İ L } ⇒ EHİL = ?

- A) 2376 B) 2462 C) 3762 D) 7576 E) 7562

2. S İ S
İ S E
S E S
A S İ
T A S } ⇒ ASİ = ?

- A) 747 B) 657 C) 374 D) 573 E) 737

6. A L S I N
A L T I N
A L T A N
A L S A N
A L N I N } ⇒ ALNİN = ?

- A) 35262 B) 35762 C) 35462
D) 35432 E) 35732

3. O L
E L
A Ş
E Ş
A L } ⇒ OL = ?

- A) 35 B) 12 C) 42 D) 45 E) 32

7. K A T
T E K
T A K
A N T
T E N } ⇒ TEN = ?

- A) 524 B) 523 C) 415 D) 514 E) 135

4. Y A T
S A K
B A R
T A Y
K A S } ⇒ BAR = ?

- A) 725 B) 623 C) 421 D) 124 E) 326

8. C A M İ
İ M A M
M A M A
C İ C İ
A M M A } ⇒ CİCİ = ?

- A) 5252 B) 3254 C) 2552 D) 4525 E) 3434

9. S A L I
I S I T
A S T I
A T S A
T A S A } ⇒ TASA = ?

- A) 3837 B) 7585 C) 5873 D) 5785 E) 8563

13. Ç A K I R
Ç I R A K
H A R A Ç
Ç A M U R
K I R A Ç } ⇒ ÇAKIR = ?

- A) 71302 B) 21307 C) 90307
D) 70863 E) 70213

10. B E N A N
D U Y G U
Y A K U P
K A Y G U
B A K A N } ⇒ BENAN = ?

- A) 10797 B) 59628 C) 69532
D) 19697 E) 42532

14. S A P I K
K A S A P
K U S U R
S A K A T
T A K A S } ⇒ TAKAS = ?

- A) 82917 B) 52728 C) 73834
D) 82725 E) 72829

11. T Ü R B E
T A B U R
T A V U K
T A V A R
T Ö V B E } ⇒ TABUR = ?

- A) 38605 B) 37192 C) 38681
D) 38901 E) 34692

15. Ş İ M A L
C E N U P
P E Ş İ N
C E M İ L
A L M A N } ⇒ CEMİL = ?

- A) 93245 B) 13579 C) 24680
D) 80685 E) 13640

12. S İ L A H
L A H İ T
H İ T İ T
H İ L A L
D E L İ L } ⇒ DELİL = ?

- A) 42531 B) 53131 C) 93425
D) 76434 E) 53424

16. 1 8 5 7 5
2 7 1 3 1
6 1 0 6 9
1 4 2 7 5
2 6 1 3 9 } ⇒ 27131 = ?

- A) CESUR B) SICAK C) ESMER
D) CASUS E) SOKAK

1. Z O N K
O R U N
U Z U N
K U R U
K O R U } ⇒ UZUN = ?

- A) 9897 B) 6959 C) 6259 D) 8276 E) 2597

2. S I C A K
C A S U S
S U S A K
C U S A S
S A K S I } ⇒ SAKSI = ?

- A) 32534 B) 61323 C) 62313
D) 31325 E) 34625

3. E S E S E
B A B A B
C B C B C
D C D C D
F D F D F } ⇒ ESESE = ?

- A) 42424 B) 65656 C) 30303
D) 13131 E) 51515

4. B A Ş A K
K A Ş I K
A Ş K I N
Ş E B E K
N İ Ş A N } ⇒ ŞEBEK = ?

- A) 19621 B) 34693 C) 79691
D) 65751 E) 96123

5. A Y Ş E N
N U R A Y
A Y N U R
Ş E N A Y
Y A S İ N } ⇒ AYŞEN = ?

- A) 47519 B) 36419 C) 91024
D) 19364 E) 19475

6. S O R U N
N E D E N
S E B E P
S E N E T
S E P E T } ⇒ NEDEN = ?

- A) 13536 B) 13738 C) 13638
D) 73937 E) 10247

7. K U L A H
L A B U T
H A L U K
T A B L A
B U R U T } ⇒ HALUK = ?

- A) 71025 B) 02425 C) 61729
D) 93716 E) 51071

8. K E Ç E
A R P A
P A R A
A P A K
A K Ç E } ⇒ ARPA = ?

- A) 8767 B) 7874 C) 7687 D) 7423 E) 4323

9. AKÇIL
ÇAKAL
AKÇAM
ÇAKIL
KAÇAK } ⇒ ÇAKIL = ?

- A) 34537 B) 34589 C) 53439
D) 43534 E) 53489

13. USKUR
SAKAR
KUSUR
AKSAR
BAKAR } ⇒ SAKAR = ?

- A) IKSIT B) SIKIT C) KOSOT
D) OSKOT E) YOSOT

10. SANAT
KONAK
SONAT
KAZAK
KONUĞ } ⇒ SONAT = ?

- A) 85268 B) 76263 C) 86168
D) 85208 E) 75263

14. 62723
12052
64387
18389
94627 } ⇒ 94627 = ?

- A) DEFNE B) MABET C) DURUM
D) BETER E) BARUT

11. YATAY
YAMUK
OKTAY
KOLAY
YALAK } ⇒ YAMUK = ?

- A) 76531 B) 13246 C) 67831
D) 13836 E) 13531

15. 62738
73612
26921
83175
12754 } ⇒ 83175 = ?

- A) TEPSİ B) PASİF C) HASET
D) SEHPA E) AHŞAP

12. FİYAT
ENGİN
YENGE
YATIR
GİRNE } ⇒ GİRNE = ?






- A) 45635 B) 24564 C) 93210
D) 63854 E) 21078

16. 4563
5234
3456
4323
3254 } ⇒ 5234 = ?

- A) KARA B) ARIK C) IRAK
D) AKIN E) KINA

TAKTİK GROUP






1. İ K E L
E R İ K
E L T İ
T İ İ K
T İ E L } ⇒ TİİK = ?

- A)  B)  C) 
D)  E) 

5. E L İ F
İ F L E
Ş İ T İ
İ N İ S
K E M E } ⇒ ELİF = ?

- A) 1983 B) 4323 C) 3819 D) 1617 E) 5101

2. K A Y I
S A K A
K A S A
S A R I
K A L A } ⇒ SAKA = ?

- A)  B)  C) 
D)  E) 

6. İ L E D
A L S A
U L S U
K İ L İ
İ L L E } ⇒ İLLE = ?

- A) 4005 B) 2909 C) 8078 D) 4056 E) 3073

3. L İ S
N Ü Ğ
İ K İ
O L A
U N O } ⇒ OLA = ?

- A) 743 B) 529 C) 202 D) 876 E) 651

7. A M E S
A F E V
A F A S
A V A F
A M İ S } ⇒ AFEV = ?

- A) 2145 B) 2846 C) 2806 D) 2126 E) 2521

4. M A V İ
A D İ L
V A L İ
L İ R A
R İ Y A } ⇒ LİRA = ?

- A) 2648 B) 8432 C) 9254 D) 3472 E) 5284

8. S İ N E
A S İ N
İ V İ K
A Z M İ
A N A V } ⇒ SİNE = ?

- A) 5251 B) 6924 C) 5692 D) 5389 E) 9197

9. İYİK
IÇIF
IVIS
AFAY
UYUK } ⇒ UYUK = ?

- A) 5153 B) 8183 C) 2421 D) 8687 E) 8984

13. AMAL
ASAK
ALAH
ASAL
AMAÇ } ⇒ ALAH = ?

- A) 7475 B) 7379 C) 7278 D) 7473 E) 7273

10. ÇATA
ITAÇ
ŞİNİ
EŞİŞ
EŞİĞ } ⇒ EŞİĞ = ?

- A) 7262 B) 1727 C) 3080 D) 1724 E) 5803

14. ŞİNİ
ELİŞ
İÇLE
ELİÇ
ELÇİ } ⇒ ELİŞ = ?

- A) 0843 B) 0845 C) 4580 D) 3494 E) 0854

11. ENİS
KİNE
EMİK
LİME
İNEĐ } ⇒ ENİS = ?

- A) 7593 B) 5936 C) 3457 D) 3952 E) 0543

15. ASAT
ULUS
KİŞA
KİLİ
RAKA } ⇒ ULUS = ?

- A) 0717 B) 9303 C) 3536 D) 8185 E) 0743

12. ERÜK
EVÜN
ELÜĞ
EMÜK
EMÜF } ⇒ ERÜK = ?

- A) 4019 B) 4613 C) 4615 D) 4213 E) 4817

16. SAZ
↑↑↑ ⇒ HAKKI = ?
792

- A) 82991 B) 89221 C) 89771
D) 89441 E) 89431

1. Z İ N E D
N İ Ğ D E
N İ N E S
Z İ M E T
N İ L E Ğ } ⇒ NİĞDE = ?

- A) 23889 B) 53064 C) 53476
D) 53561 E) 23567

5. İ L İ M
T O K U
L İ L İ
E T E K
M E T E } ⇒ ETEK = ?

- A) 3848 B) 1213 C) 8489 D) 4597 E) 2121

2. Ş İ N E Ğ
N İ R E N
N İ R A N
N İ Y E B
N A R A Y } ⇒ NİREN = ?

- A) 57178 B) 53829 C) 53175
D) 63524 E) 53125

6. 8 2 1 4
4 1 2 1
4 5 6 3
7 8 9 0
0 4 6 8 } ⇒ 4563 = ?

- A) LKNE B) KONÇ C) EŞİK
D) Kişi E) AERL

3. K E Z E T
K E N İ S
K E N İ B
T İ S E K
T E S E L } ⇒ KEZET = ?

- A) 12324 B) 12567 C) 12568
D) 46721 E) 42729

7. 1234 = 3456
⇒ 6540 = ?

- A) 0456 B) 7651 C) 8762 D) 8751 E) 7561

4. K A N Y O
K A Y A K
K A L A S
K A L A M
K E L E K } ⇒ KAYAK = ?

- A) 91419 B) 98482 C) 98483
D) 98689 E) 98765

8. ◆ ○ △ ■
□ △ ■ ▲
○ □ △ ●
△ ■ □ ●
○ △ ■ ◆ } ⇒ ○ △ ■ ◆ = ?

- A) 3581 B) 1358 C) 5842 D) 3452 E) 4587

9. KALEM } 94218
MERAL } 74918
SELAM } 94217
MERA K } 71849
KEMAL } 34819

⇒ MERAL = ?

- A) 94218 B) 71849 C) 34819
D) 74918 E) 94217

12. BARİMA }
RİMMAT } ⇒ PARTAL = ?
PARTAL }
MALTAM }
RABİTA }

- A) ☆△○□⊗△ B) □△☆⊗△★
C) ○△☆▲■△ D) ☆▲■▲■△⊗
E) ■△★⊗△■

10. KALE } △○●▲
YELE } ⊗⊗△⊗
SEKE } □⊗△⊗
LEKE } ▲⊗□⊗
KARO } △○□⊗

⇒ KALE = ?

- A) △○●▲ B) ⊗⊗△⊗ C) □⊗△⊗
D) ▲⊗□⊗ E) △○□⊗

13. TAKİP }
TAFRA } ⇒ ŞAHİT = ?
ŞİRİN }
ŞAHİT }
NAHİT }

- A) ⊗□▲△○ B) ◆△●▲☆
C) ⊗□◆●□ D) ☆□▲△⊗
E) ◆□▲△⊗

11. KASA } ○△□△
ÇAKA } ⊗△▲▲
YARA } ▲△○△
TASA } ⊗△□△
MAÇA } ▲△◆△

⇒ ÇAKA = ?

- A) ○△□△ B) ⊗△▲▲ C) ▲△○△
D) ⊗△□△ E) ▲△◆△

14. 3 7 6 1 5 }
7 6 1 5 4 } ⇒ 37615 = ?
6 1 5 4 2 }
1 5 4 2 8 }
5 4 2 8 9 }

- A) 72891 B) 06728 C) 67289
D) 89154 E) 28915

TAKTİK GROUP

1. PASTANE = ?

- A) ●●●●●●●●
- B) ●●●●●●●●
- C) ●●●●●●●●
- D) ●●●●●●●●
- E) ●●●●●●●●

2. ŞEKER
ŞENER
FENER
KEMER
FEMER } ⇒ KEMER = ?

- A) 24645
- B) 14945
- C) 24945
- D) 34145
- E) 34645

3. ○△□▽
□▷▽○
▷○△□
△□○▷
□▽▷△ } ⇒ ○△□▽ = ?

- A) 4256
- B) 2541
- C) 5612
- D) 1425
- E) 5164

4. □○♣★▲
♣□▽●○
▽●★○□
○■▲□♣
★▽■▲● } ⇒ ♣□▽●○ = ?

- A) 12974
- B) 43021
- C) 24150
- D) 97542
- E) 59307

5. LUXAMBURG → ▲♣▽○△■♠▼●
MAXRUGBLU → ?

- A) △○▽▲♠●■▲♠
- B) △○▽▼♠●■▲♠
- C) △○▽▲♠●■▲★
- D) △○▽▼♠●■▲♠
- E) ▽○△▼♠■●▲♠

6. MAKSIMUM▲ → İMUMMAKS
■WORDMASTER → ERRDWOSTMA
■SYNONYMONY▲ → ■YMONYSYNON → ONONYMYNYS
■FUNDAMENTA▲ → ?

- A) NDNTMEUNFA
- B) DANTEMUNAF
- C) DANTMEUNAF
- D) DATNMEUNAF
- E) DANTMENUAF

7. ■TOTOLOGY → YGOLOTOT
THEOLOGY■ → OGYLOTHE
■WORLDWAR■ → RAWDLROW■ → ROWLDRAW
■SYMMETRY■ → ?

- A) MYSMERYT
- B) MYSMYERT
- C) MYSYEMRT
- D) MYSMEYRT
- E) MYSEMYRT

8. SEGMENTAL → ?

- A) 248743145
- B) 317428295
- C) 582687134
- D) 621327412
- E) 521327512

9.

4 1 1 4	}	★★○○
6 2 2 6		▲○○▲
4 4 2 2		■▲▲■
6 6 1 1		▲▲□□
5 4 4 5		★□□★

⇒ 6611 = ?

- A) ★★○○ B) ▲○○▲ C) ■▲▲■
D) ▲▲□□ E) ★□□★

12.

□ ● □	}	533
△△■		995
△□□		393
●●△		966
●■■		556

⇒ ●●△ = ?

- A) 533 B) 995 C) 393 D) 966 E) 556

10.

SOL	}	873
HEN		269
MIK		274
MEL		154
HOK		859

⇒ MEL = ?

- A) 873 B) 269 C) 274 D) 154 E) 859

13.

LAK	}	⇒ SAM = ?
SAM		
KAM		
ÇAR		
HAR		

- A) 837 B) 934 C) 237 D) 435 E) 135

11.

● ○ △ ▲ □
* ■ ★ ▲ □
□ □ ● ▲ □
■ □ ★ ▲ □
* □ ● ▲ □

⇒ □ □ ● ▲ □ = ?

- A) HOSEN B) FOSEN C) UNLEN
D) KAZEN E) FILEN

14.

KAM	}	486
LOP		185
HAK		126
COM		384
CAL		529

⇒ LOP = ?

- A) 486 B) 185 C) 126 D) 384 E) 529

TAKTİK GROUP

ŞİFRELER
PASSWORDS

YANIT ANAHTARI | ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
B	D	C	A	D	B	E	D	D	C	A	D	D	C	E	B	D	B

TEST 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	C	D	D	A	E	C	B	E	C	A	C	A	A	E	D

TEST 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	D	B	E	D	D	C	D	D	E	D	B	D	B	D	E

TEST 4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	B	A	E	B	A	E	C	C	B	D	E	D	B	E	E

TEST 5

1	2	3	4	5	6	7	8	9	10	11	12	13	14		
E	C	C	C	A	E	C	D	B	D	C	D	A	C		

TEST 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	E	A	B	E	C	A	C	D	D	D	B	E	A	D	B

TEST 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	B	C	B	E	E	B	B	D	C	A	C	D	D	E	C

TEST 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	A	A	A	C	D	D	C	D	A	D	D	B	B	C

TEST 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	E	D	E	E	B	D	B	D	D	A	D	A	A	A	E

TEST 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	B	A	E	E	D	A	C	E	B	B	B	E	D	C	A

TEST 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	D	A	A	C	B	E	C	B	B	D	C	C	B	D	D

TEST 12

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	B	A	C	E	D	D	D	B	D	E	C	E	A	C

TEST 13

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	B	A	A	A	B	E	B	A	D	D	E	B	E	D

TEST 14

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	A	A	D	D	D	C	C	E	E	B	D	C	B	A	C

TEST 15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	D	E	B	C	A	A	B	A	D	D	D	B	A	D	D

TEST 16

1	2	3	4	5	6	7	8	9	10	11	12	13	14
C	E	A	D	C	B	C	A	A	E	C	B	E	B

TEST 17

1	2	3	4	5	6	7	8	9	10	11	12	13	14
B	B	A	A	D	C	D	C	A	C	A	B	E	E



1. 4 , 11 , 18 , 25 , 32 ,

- A) 38 B) 40 C) 42 D) 39 E) 49

2. 5 , 7 , 10 , 12 , 15 ,

- A) 18 B) 17 C) 21 D) 19 E) 20

3. 1 , 1 , 2 , 4 , 7 , 11 , 16 ,

- A) 22 B) 23 C) 24 D) 25 E) 26

4. 2 , 3 , 5 , 8 , 12 , 17 ,

- A) 20 B) 21 C) 22 D) 23 E) 24

5. 3 , 5 , 15 , 17 , 51 ,

- A) 53 B) 153 C) 62 D) 57 E) 59

6. 7 , 9 , 13 , 21 , 37 , 69 , 133 ,

- A) 259 B) 261 C) 263 D) 265 E) 267

7. 3 , 5 , 9 , 15 , 23 , 33 ,

- A) 45 B) 47 C) 49 D) 51 E) 53

8. 2 , 3 , 6 , 11 , 18 , 27 ,

- A) 37 B) 38 C) 39 D) 40 E) 41

9. 12 , 48 , 40 , 160 , 152 , 608 ,

- A) 592 B) 600 C) 402 D) 642 E) 612

10. 5 , 31 , 57 , 83 , 109 ,

- A) 136 B) 139 C) 142 D) 135 E) 127

11. 4 , 18 , 32 , 46 , 60 , 74 ,

- A) 86 B) 87 C) 88 D) 89 E) 90

16. 3 , 10 , 20 , 27 , 54 , 61 ,

- A) 183 B) 122 C) 96 D) 84 E) 75

12. 1 , 1 , 2 , 3 , 5 , 8 , 13 ,

- A) 19 B) 20 C) 21 D) 22 E) 23

17. 5 , 7 , 10 , 12 , 15 ,

- A) 33 B) 38 C) 19 D) 17 E) 12

13. 3 , 4 , 5 , 7 , 10 , 15 , 23 ,

- A) 30 B) 32 C) 34 D) 36 E) 38

18. 4 , 7 , 13 , 22 , 34 , 49 ,

- A) 64 B) 65 C) 66 D) 67 E) 68

14. 88 , 80 , 40 , 32 , 16 , 8 ,

- A) 6 B) 4 C) 2 D) 12 E) 3

19. 1 , 9 , 25 , 49 , 81 ,

- A) 100 B) 121 C) 144 D) 169 E) 196

15. 7 , 4 , 12 , 9 , 27 ,

- A) 81 B) 24 C) 27 D) 36 E) 28

20. 3 , 5 , 9 , 17 , 33 , 65 ,

- A) 121 B) 123 C) 125 D) 127 E) 129

1. 2 , 4 , 6 , 12 , 14 , 28 , 30 ,

- A) 32 B) 44 C) 52 D) 60 E) 64

2. 3 , 9 , 12 , 36 , 39 , 117 , 120 ,

- A) 123 B) 180 C) 240 D) 360 E) 363

3. 7 , 2 , 8 , 3 , 12 , 7 , 28 ,

- A) 23 B) 25 C) 33 D) 56 E) 112

4. 1 , 2 , 2 , 4 , 8 , 11 , 33 , 37 ,

- A) 145 B) 148 C) 151 D) 154 E) 158

5. 4 , 5 , 5 , 7 , 14 , 17 , 51 , 55 ,

- A) 59 B) 65 C) 125 D) 180 E) 220

6. 5 , 10 , 50 , 55 , 275 , 280 , 1400 , 1405 ,

- A) 1410 B) 2250 C) 3570 D) 5670 E) 7025

7. 241 , 237 , 79 , 75 , 25 , 21 , 7 ,

- A) 1 B) 2 C) 3 D) 4 E) 5

8. 6 , 8 , 16 , 14 , 16 , 32 , 30 , 32 , 64 ,

- A) 60 B) 62 C) 66 D) 88 E) 128

9. 128 , 136 , 68 , 76 , 38 , 46 ,

- A) 43 B) 23 C) 35 D) 32 E) 48

10. 243 , 486 , 162 , 324 , 108 , 216 , 72 ,

- A) 24 B) 103 C) 144 D) 36 E) 48

11. 0 , 1 , 1 , 3 , 6 , 9 , 27 , 31 ,

- A) 82 B) 120 C) 124 D) 142 E) 146

12. 3 , 7 , 15 , 31 , 63 , 127 ,

- A) 253 B) 254 C) 255 D) 256 E) 257

13. 2 , 5 , 14 , 41 , 122 , 365 ,

- A) 1082 B) 1094 C) 1102 D) 1118 E) 1120

14. 2 , 6 , 8 , 14 , 22 , 36 , 58 ,

- A) 90 B) 91 C) 92 D) 93 E) 94

15. 169 , 141 , 118 , 100 , 87 ,

- A) 67 B) 58 C) 62 D) 79 E) 81

16. 4 , 8 , 32 , 37 , 185 , 191 ,

- A) 381 B) 1050 C) 1146 D) 1352 E) 108

17. 11 , 13 , 18 , 26 , 37 , 51 ,

- A) 59 B) 68 C) 65 D) 67 E) 71

18. 6 , 7 , 12 , 21 , 34 ,

- A) 54 B) 63 C) 51 D) 36 E) 56

19. 1 , 2 , 5 , 14 , 41 ,

- A) 46 B) 58 C) 124 D) 122 E) 94

20. 7 , 35 , 30 , 120 , 116 , 348 , 345 , 690 ,

- A) 1982 B) 1980 C) 1978 D) 692 E) 688

1. 3 , 4 , 8 , 17 , 33 , 58 , 94 ,

- A) 136 B) 143 C) 151 D) 155 E) 162

6. 7 , 16 , 34 , 70 , 142 , 286 ,

- A) 532 B) 556 C) 574 D) 578 E) 596

2. 3 , 7 , 16 , 35 , 74 , 153 , 312 ,

- A) 536 B) 624 C) 459 D) 484 E) 631

7. 4 , 11 , 32 , 95 , 284 , 851 ,

- A) 2552 B) 2453 C) 2212 D) 2104 E) 2052

3. 7 , 8 , 8 , 11 , 33 , 38 ,

- A) 68 B) 85 C) 190 D) 125 E) 143

8. 2 , 4 , 10 , 24 , 54 , 116 ,

- A) 208 B) 230 C) 232 D) 242 E) 250

4. 5 , 6 , 4 , 12 , 16 , 11 , 66 ,

- A) 62 B) 64 C) 73 D) 84 E) 132

9. 1 , 2 , 5 , 12 , 27 , 58 , 121 ,

- A) 247 B) 248 C) 249 D) 250 E) 251

5. 7 , 8 , 16 , 13 , 14 , 28 , 25 , 26 , 52 ,

- A) 114 B) 82 C) 65 D) 53 E) 49

10. 1 , 3 , 10 , 32 , 99 , 301 ,

- A) 842 B) 858 C) 876 D) 898 E) 908

11. 2 , 6 , 17 , 49 , 144 , 428 ,

- A) 1279 B) 1269 C) 1257 D) 1248 E) 1239

12. 3 , 9 , 24 , 57 , 126 , 267 ,

- A) 560 B) 628 C) 534 D) 552 E) 31

13. 47 , 45 , 42 , 37 , 30 , 19 ,

- A) 11 B) 9 C) 8 D) 6 E) 4

14. 1 , 2 , 2 , 4 , 8 , 32 ,

- A) 512 B) 256 C) 128 D) 64 E) 56

15. 1 , 2 , 3 , 5 , 13 , 16 , 43 , 47 ,

- A) 65 B) 68 C) 79 D) 86 E) 111

16. 0 , 1 , 2 , 4 , 8 , 11 , 20 , 24 ,

- A) 32 B) 36 C) 40 D) 42 E) 46

17. 5 , 10 , 25 , 50 , 65 ,

- A) 80 B) 75 C) 130 D) 115 E) 95

18. 7 , 8 , 17 , 42 , 91 , 172 ,

- A) 216 B) 284 C) 293 D) 271 E) 303

19. 11 , 15 , 31 , 67 , 131 , 231 ,

- A) 278 B) 375 C) 308 D) 324 E) 381

20. 28 , 27 , 31 , 22 , 38 , 13 , 49 ,

- A) 0 B) 18 C) 96 D) 38 E) 48

1. 5, 11, 18, 24, 31, 37, 44,

A) 46 B) 50 C) 48 D) 52 E) 54

2. 13, 18, 25, 30, 37, 42, 49,

A) 58 B) 53 C) 54 D) 56 E) 61

3. 4, 12, 16, 48, 52, 156, 160,

A) 480 B) 192 C) 164 D) 320 E) 260

4. 11, 17, 34, 40, 80, 86, 172,

A) 1182 B) 216 C) 196 D) 344 E) 178

5. 7, 11, 19, 31, 47, 67, 91,

A) 108 B) 119 C) 98 D) 116 E) 124

6. 7, 24, 41, 58, 75, 92, 109,

A) 114 B) 128 C) 112 D) 126 E) 118

7. 3, 9, 18, 24, 48, 54, 108,

A) 132 B) 118 C) 122 D) 116 E) 114

8. 4, 9, 19, 39, 79, 159,

A) 349 B) 247 C) 319 D) 239 E) 299

9. 7, 12, 27, 72, 207, 612,

A) 1428 B) 918 C) 816 D) 1827 E) 1224

10. 2, 5, 12, 27, 58, 121,

A) 242 B) 248 C) 280 D) 292 E) 324

11. 4, 16, 8, 32, 16, 64, 32,

- A) 128 B) 86 C) 216 D) 98 E) 82

12. 7, 22, 44, 59, 118, 133,

- A) 156 B) 181 C) 266 D) 399 E) 194

13. 13, 22, 40, 76, 148, 292,

- A) 498 B) 512 C) 488 D) 548 E) 580

14. 17, 18, 25, 38, 57, 82,

- A) 108 B) 113 C) 164 D) 126 E) 96

15. 8, 7, 7, 5, 10, 7, 21, 17,

- A) 36 B) 44 C) 54 D) 68 E) 52

16. 2, 2, 4, 12, 48, 240,

- A) 680 B) 1440 C) 880 D) 920 E) 1240

17. 17, 15, 30, 26, 24, 48, 44,

- A) 42 B) 48 C) 56 D) 88 E) 76

18. 7, 4, 8, 9, 6, 12, 13,

- A) 26 B) 14 C) 19 D) 10 E) 23

19. 26, 15, 30, 25, 14, 28, 23,

- A) 48 B) 18 C) 26 D) 17 E) 12

20. 1, 5, 14, 39, 88, 209, 378,

- A) 484 B) 492 C) 667 D) 716 E) 627

TAKTİK GROUP

1. 10 , 7 , 14 , , 22 , 19 , 38

- A) 11 B) 12 C) 16 D) 18 E) 20

2. 12 , 16 , , 12 , 6 , 10 , 5

- A) 10 B) 15 C) 13 D) 11 E) 8

3. 1 , 4 , 12 , 15 , , 48 , 144 ,

- A) 45 , 147 B) 18 , 147 C) 45 , 288
D) 18 , 432 E) 42 , 432

4. 2 , 12 , 6 , 16 , , 18 , 9 ,

- A) 26 , 19 B) 32 , 19 C) 8 , 19
D) 19 , 8 E) 8 , 3

5. 20 , 29 , , 47 , 56

- A) 38 B) 40 C) 18 D) 58 E) 87

6. 48 , 24 , , 6 , 3

- A) 96 B) 72 C) 24 D) 18 E) 12

7. 3 , 6 , 11 , , 27 , 38 , 51

- A) 21 B) 18 C) 17 D) 15 E) 13

8. 70 , 60 , 51 , , 36 , 30 , 25

- A) 39 B) 43 C) 41 D) 42 E) 40

9. 43 , 34 , 26 , , 13 , 8

- A) 13 B) 52 C) 18 D) 19 E) 20

10. 46 , 45 , 42 , 37 , 30 , 21 ,

- A) 11 B) 10 C) 8 D) 6 E) 4

11. 24 , 18 , 36 ,, 60 , 54 , 108

- A) 30 B) 40 C) 46 D) 54 E) 108

12. 15 , 19 ,, 17 , 11 , 15 , 9

- A) 14 B) 13 C) 15 D) 21 E) 18

13. 25 , 23 , 46 ,, 88 , 86

- A) 44 B) 64 C) 54 D) 58 E) 74

14. 17 , 30 , 41 ,, 57 , 62

- A) 46 B) 52 C) 48 D) 50 E) 56

15. 58 , 53 , 46 ,, 26 , 13

- A) 42 B) 38 C) 30 D) 37 E) 28

16. 112 , 56 ,, 84 , 252 , 126

- A) 96 B) 118 C) 148 D) 59 E) 168

17. 4 , 8 ,, 4 , -2 , -4

- A) 16 B) 2 C) 6 D) 0 E) 4

18. 13 , 13 ,, 24 , 22 , 66

- A) 17 B) 14 C) 12 D) 16 E) 18

19. 87 , 79 ,, 69 , 67 , 67

- A) 75 B) 72 C) 64 D) 73 E) 78

20. 123 , 117 ,, 33 , 11 , 5

- A) 39 B) 57 C) 48 D) 67 E) 99

SAYI DİZİLERİ

TEST 6

1. 9 , 25 , , 81 , 121

- A) 16 B) 36 C) 49 D) 100 E) 144

2. 7 , 21 , 24 , 8 , , 27 , 9 ,

- A) 11 , 12 B) 24 , 27 C) 4 , 3
D) 24 , 36 E) 11 , 18

3. 4 , 16 , 8 , , 16 , 64 , 32 ,

- A) 12 , 72 B) 12 , 64 C) 24 , 128
D) 32 , 64 E) 32 , 128

4. 13 , 19 , 26 , , 43 , 53

- A) 33 B) 36 C) 34 D) 32 E) 35

5. 41 , 32 , , 20 , 17 , 16

- A) 23 B) 25 C) 16 D) 27 E) 64

6. 5 , 12 , , 29 , 39 , 50

- A) 19 B) 36 C) 24 D) 18 E) 20

7. 2 , 6 , , 120 , 720 , 5040

- A) 18 B) 36 C) 24 D) 42 E) 30

8. 2160 , 360 , , 18 , 6 , 3

- A) 180 B) 72 C) 36 D) 120 E) 90

9. 7 , 14 , 12 , , 30 , 28 , 31

- A) 9 B) 4 C) 7 D) 5 E) 15

10. 3 , 4 , , 9 , 18 , 19 ,

- A) 7 , 37 B) 8 , 38 C) 6 , 35
D) 8 , 20 E) 5 , 20

11. 4 , 5 , 8 , , 20 , 29 , 40

- A) 9 B) 13 C) 15 D) 10 E) 11

12. 4 , 7 , 12 , 19 , , 39 , 52 ,

- A) 28 , 67 B) 14 , 65 C) 14 , 67
D) 28 , 65 E) 26 , 69

13. 144 , 131 , , 133 , 140 , 135

- A) 137 B) 151 C) 148 D) 142 E) 128

14. 15 , 17 , , 30 , 32 , 30 , 60

- A) 34 B) 15 C) 19 D) 23 E) 26

15. 13 , 14 , 19 , , 41 , 58

- A) 38 B) 32 C) 28 D) 23 E) 15

16. 80 , 83 , , 167 , 170 , 340 ,

- A) 166 , 341 B) 98 , 358 C) 86 , 320
D) 134 , 92 E) 108 , 468

17. 14 , 28 , , 25 , 50 , 52 , 47

- A) 26 B) 32 C) 29 D) 30 E) 25

18. 57 , 44 , , 46 , 53 , 48

- A) 48 B) 55 C) 64 D) 58 E) 52

19. 121 , 126 , , 55 , 60 , 30 , 22

- A) 86 B) 92 C) 58 D) 63 E) 78

20. 486 , 467 , , 441 , 434 , 431

- A) 458 B) 463 C) 447 D) 461 E) 452

1. 17 , 15 , , 28 , 56 ,

- A) 45 , 51 B) 47 , 52 C) 30 , 54
D) 39 , 58 E) 32 , 61

2. 3 , 3 , 4 , 8 , , 30 , 33 ,

- A) 10 , 132 B) 12 , 132 C) 10 , 144
D) 12 , 144 E) 12 , 56

3. 6 , 8 , 16 , 19 , 57 , , 244 , 249 ,

- A) 171 , 1245 B) 61 , 1245 C) 61 , 254
D) 61 , 1240 E) 171 , 255

4. 11 , 17 , 14 , , 34 , 31 , 62

- A) 16 B) 19 C) 22 D) 28 E) 32

5. 3 , 9 , 10 , 5 , , 16 , 8 ,

- A) 25 , 4 B) 16 , 25 C) 7 , 9
D) 20 , 16 E) 15 , 24

6. 4 , 12 , 13 , , 40 , 120 , 121 ,

- A) 14 , 363 B) 39 , 122 C) 14 , 122
D) 39 , 363 E) 15 , 24

7. 2 , , 11 , 23 , 47 , 95 ,

- A) 4 , 189 B) 5 , 188 C) 5 , 191
D) 6 , 190 E) 6 , 192

8. 5 , 25 , 20 , , 125 , 120 , 125

- A) 50 B) 100 C) 25 D) 120 E) 15

9. 8 , 16 , 22 , , 38 , 44 , 41

- A) 19 B) 44 C) 28 D) 66 E) 22

10. 9 , 3 , 5 , , 10 , 12 , 72

- A) 7 B) 25 C) 60 D) 30 E) 2

11. 4 , 20 , 10 , , 70 , 35 , 39

- A) 5 B) 50 C) 14 D) 7 E) 100

12. 12 , 15 , 19 , 25 , 32 , 41 , 51 , , 76

- A) 60 B) 61 C) 62 D) 63 E) 64

13. 24 , 26 , , 34 , 41 , 52

- A) 28 B) 29 C) 32 D) 27 E) 31

14. 17 , 16 , , 15 , 19 , 14 ,

- A) 22 , 36 B) 18 , 27 C) 18 , 20
D) 24 , 48 E) 21 , 36

15. 168 , 167 , , 164 , 158 , 134 ,

- A) 165 , 118 B) 165 , 81 C) 154 , 58
D) 166 , 14 E) 154 , 96

16. 6 , 10 , , 13 , 8 , 16 , 9 , 19 ,

- A) 8 , 10 B) 10 , 10 C) 9 , 11
D) 7 , 10 E) 11 , 11

17. 1 , 5 , , 16 , 20 , 80 , 76

- A) 18 B) 16 C) 18 D) 20 E) 24

18. 9 , 16 , , 81 , 169 , 324

- A) 49 B) 37 C) 25 D) 36 E) 81

19. 13 , 26 , , 6 , 12 , -2 , -1

- A) 12 B) 24 C) 16 D) 22 E) 18

20. 135 , 142 , , 65 , 72 , 36 , 30

- A) 128 B) 98 C) 76 D) 71 E) 108

PUZUYAKINILARI

TAKTİK GROUP

1. 32 , 48 , 72 , 108 , 162 ,.....

- A) 248 B) 198 C) 206 D) 243 E) 284

2. 16 , 24 , 36 , 54 ,.....

- A) 66 B) 78 C) 81 D) 92 E) 98

3. 10 , 11 , 21 , 31 , 50 , 51 ,.....

- A) 52 B) 62 C) 71 D) 58 E) 64

4. 11 , 21 , 31 , 22 , 15 , 23 ,.....

- A) 32 B) 27 C) 54 D) 71 E) 41

5. 14 , 19 , 29 , 40 , 44 , 52 ,.....

- A) 71 B) 63 C) 59 D) 67 E) 61

6. 2 , 5 , 12 , 27 , 58 ,.....

- A) 88 B) 121 C) 116 D) 81 E) 128

7. 7 , 10 , 16 , 27 , 47 , 84 ,.....

- A) 128 B) 168 C) 108 D) 154 E) 142

8. 11 , 13 , 18 , 28 , 45 , 71 ,.....

- A) 108 B) 84 C) 96 D) 91 E) 103

9. 2 , 13 , 29 , 52 , 84 , 127 ,.....

- A) 167 B) 183 C) 143 D) 194 E) 155

10. 32 , 48 , 80 , 128 , 208 ,.....

- A) 216 B) 244 C) 324 D) 190 E) 336

11. 11 , 13 , 17 , 25 , 32 , 37 ,

- A) 58 B) 67 C) 47 D) 65 E) 59

16. 4 , 7 , 13 , 25 , 49 , 97 ,

- A) 201 B) 138 C) 176 D) 193 E) 240

12. 3 , 4 , 7 , 11 , 18 , 29 ,

- A) 40 B) 42 C) 47 D) 52 E) 60

17. 17 , 24 , 32 , 38 , 62 , 74 ,

- A) 116 B) 88 C) 102 D) 42 E) 94

13. 1 , 4 , 14 , 45 , 139 , 422 ,

- A) 914 B) 1269 C) 842 D) 1272 E) 1084

18. 8 , 11 , 19 , 29 , 46 , 72 , 114 ,

- A) 154 B) 166 C) 174 D) 178 E) 181

14. 1 , 3 , 11 , 15 , 31 , 39 ,

- A) 71 B) 73 C) 76 D) 81 E) 86

19. 115 , 122 , 127 , 137 , 148 ,

- A) 161 B) 157 C) 172 D) 152 E) 169

15. 14 , 18 , 27 , 46 , 85 , 164 ,

- A) 323 B) 302 C) 286 D) 291 E) 270

20. 7 , 10 , 19 , 34 , 67 ,

- A) 117 B) 124 C) 128 D) 130 E) 134

1. 3 , 3 , 3 , 6 , 6 , 9 , 6 , 12 , 12 ,

- A) 24 , 12 B) 12 , 15 C) 24 , 15
D) 15 , 15 E) 15 , 12

2. 5 , 2 , 7 , 4 , 9 , 8 , 11 , 16 , ,

- A) 18 , 26 B) 21 , 26 C) 18 , 32
D) 13 , 32 E) 21 , 22

3. 7 , 5 , 11 , 12 , 15 , 19 , 19 , ,

- A) 26 , 23 B) 24 , 28 C) 38 , 27
D) 28 , 33 E) 21 , 26

4. 3 , 2 , 6 , 6 , 12 , 18 , 24 , 54 , 48 , ,

- A) 96 , 84 B) 112 , 82 C) 162 , 96
D) 92 , 108 E) 78 , 98

5. 18 , 12 , 16 , 15 , 14 , 18 , 12 , ,

- A) 36 , 24 B) 21 , 10 C) 18 , 24
D) 24 , 36 E) 10 , 16

6. 4 , 7 , 8 , 10 , 16 , 17 , 32 , 20 , 64 , ,

- A) 35 , 86 B) 108 , 60 C) 32 , 142
D) 27 , 128 E) 42 , 88

7. 3 , 17 , 6 , 19 , 18 , 21 , 36 , 23 , 108 , ,

- A) 25 , 216 B) 69 , 168 C) 46 , 126
D) 82 , 178 E) 58 , 248

8. 121 , 15 , 129 , 21 , 137 , 27 , 145 , ,

- A) 39 , 168 B) 29 , 191 C) 41 , 153
D) 47 , 174 E) 33 , 153

9. 17 , 12 , 31 , 24 , 45 , 48 , 59 , 96 , 73 ,

- A) 186 , 194 B) 108 , 87 C) 158 , 92
D) 118 , 146 E) 192 , 87

10. 3 , 4 , 15 , 20 , 75 , 80 , 375 , 400 , ,

- A) 1875 , 2000 B) 1765 , 1915 C) 1050 , 1305
D) 855 , 1150 E) 1875 , 1600

11. 3 , 4 , 8 , 11 , 13 , 18 , 18 , 25 , 23 , ,

- A) 33 , 26 B) 28 , 36 C) 32 , 28
D) 34 , 28 E) 35 , 36

12. 7 , 4 , 14 , 12 , 28 , 36 , 56 , 108 , ,

- A) 106 , 256 B) 168 , 216 C) 96 , 148
D) 136 , 218 E) 112 , 324

13. 21 , 24 , 22 , 23 , 24 , 25 , 27 , 24 , 31 , ,

- A) 28 , 39 B) 31 , 35 C) 29 , 43
D) 26 , 36 E) 34 , 41

14. 57 , 63 , 54 , 58 , 55 , 55 , 52 , 50 , 53 , ,

- A) 51 , 46 B) 47 , 50 C) 44 , 47
D) 49 , 51 E) 51 , 48

15. 3 , 2 , 6 , 6 , 7 , 8 , 14 , 24 , 15 , ,

- A) 48 , 30 B) 28 , 42 C) 26 , 30
D) 26 , 28 E) 41 , 35

16. 9 , 10 , 14 , 13 , 28 , 26 , 33 , 29 , 66 , ,

- A) 58 , 71 B) 38 , 132 C) 52 , 94
D) 68 , 112 E) 87 , 81

17. 13 , 12 , 11 , 10 , 17 , 18 , 15 , 16 , 21 , ,

- A) 48 , 42 B) 8 , 36 C) 48 , 63
D) 24 , 15 E) 24 , 19

18. 18 , 18 , 29 , 29 , 42 , 44 , 57 , 63 , 74 , ,

- A) 126 , 144 B) 94 , 98 C) 86 , 93
D) 84 , 91 E) 94 , 106

19. 8 , 4 , 24 , 12 , 11 , 6 , 33 , 18 , 20 , ,

- A) 36 , 40 B) 9 , 60 C) 54 , 80
D) 9 , 18 E) 24 , 75

20. 15 , 12 , 15 , 14 , 19 , 18 , 27 , 20 , 39 , ,

- A) 78 , 80 B) 60 , 97 C) 97 , 80
D) 24 , 55 E) 45 , 58

1. 2 , 1 , 3 , 4 , 5 , 9 , 7 , 16 , 11 , 25 , ,

- A) 13 , 27 B) 15 , 33 C) 13 , 36
D) 16 , 36 E) 13 , 49

2. 120 , 120 , 60 , 60 , 66 , 180 , 33 , 90 , ,

- A) 39 , 45 B) 39 , 180 C) 42 , 45
D) 39 , 270 E) 45 , 180

3. 7 , 16 , 21 , 8 , 14 , 12 , 42 , 6 , 35 , ,

- A) 3 , 70 B) 5 , 140 C) 10 , 105
D) 9 , 210 E) 6 , 150

4. 23 , 4 , 28 , 20 , 38 , 10 , 43 , 50 , 53 , 25 , ,

- A) 53 , 120 B) 58 , 125 C) 53 , 125
D) 58 , 100 E) 48 , 120

5. 2 , 4 , 10 , 8 , 11 , 12 , 55 , 16 , 56 , ,

- A) 24 , 224 B) 20 , 224 C) 24 , 280
D) 20 , 280 E) 30 , 560

6. 4 , 12 , 8 , 16 , 2 , 4 , 4 , 8 , 1 , 2 , ,

- A) 4 , 1 B) 8 , 1 C) 4 , 8 D) 8 , 8 E) 2 , 6

7. 5 , 6 , 20 , 18 , 12 , 15 , 48 , 45 , 40 , 42 , ,

- A) 80 , 84 B) 120 , 84 C) 160 , 126
D) 80 , 168 E) 120 , 168

8. 5 , 2 , 10 , 8 , 5 , 12 , 15 , 48 , 5 , ,

- A) 52 , 20 B) 144 , 15 C) 144 , 20
D) 192 , 15 E) 192 , 50

9. 8 , 10 , 12 , 6 , 6 , 12 , 10 , 8 , 5 , 16 , ,

- A) 18 , 9 B) 10 , 12 C) 9 , 12
D) 12 , 9 E) 16 , 9

10. 3 , 4 , 9 , 8 , 12 , 9 , 36 , 18 , 39 , ,

- A) 24 , 106 B) 36 , 91 C) 19 , 117
D) 48 , 78 E) 26 , 166

11. 7, 8, 5, 16, 10, 15, 20, 20, 18, 40,,

- A) 23, 39 B) 23, 32 C) 38, 79
D) 48, 80 E) 20, 42

12. 96, 81, 97, 84, 194, 95, 193, 98, 194,,

- A) 118, 184 B) 196, 356 C) 109, 267
D) 196, 184 E) 109, 388

13. 13, 8, 30, 16, 41, 32, 58, 64, 69,,

- A) 102, 78 B) 128, 86 C) 138, 128
D) 192, 134 E) 94, 102

14. 256, 317, 128, 286, 64, 255, 32, 224, 16,,

- A) 186, 32 B) 109, 18 C) 135, 4
D) 193, 8 E) 138, 8

15. 134, 114, 129, 123, 118, 124, 113, 127, 102, 136,,

- A) 94, 143 B) 97, 137 C) 91, 139
D) 87, 141 E) 98, 128

16. 4, 4, 5, 5, 15, 13, 30, 40, 31,,

- A) 104, 93 B) 60, 62 C) 39, 93
D) 93, 103 E) 104, 116

17. 1, 1, 2, 3, 7, 9, 16, 19, 29,,

- A) 38, 58 B) 57, 87 C) 33, 46
D) 43, 53 E) 48, 59

18. 4, 5, 12, 6, 17, 11, 16, 12, 48,,

- A) 16, 64 B) 224, 58 C) 18, 74
D) 36, 86 E) 17, 53

19. 96, 71, 90, 86, 75, 92, 69, 107, 54,,

- A) 214, 58 B) 118, 104 C) 113, 48
D) 126, 84 E) 117, 92

20. 1, 2, 3, 6, 6, 8, 18, 12, 36,,

- A) 14, 108 B) 24, 72 C) 36, 72
D) 16, 48 E) 68, 116

1. 5 , 21 , 7 , 14 , 10 , 9 , 14 , 6 , 19 , ,

- A) 5 , 25 B) 4 , 24 C) 6 , 26
D) 9 , 19 E) 7 , 27

2. 9 , 10 , 12 , 13 , 17 , 18 , 25 , 25 , 37 , 34 , ,

- A) 43 , 34 B) 45 , 54 C) 54 , 45
D) 34 , 43 E) 33 , 44

3. 3 , 3 , 10 , 10 , 20 , 20 , 32 , 33 , 47 , 40 , ,

- A) 55 , 50 B) 64 , 50 C) 55 , 55
D) 66 , 50 E) 63 , 54

4. 2 , 3 , 6 , 15 , 24 , 17 , 30 , 22 , 34 , 110 , 136 , ,

- A) 112 , 132 B) 115 , 130 C) 115 , 144
D) 112 , 142 E) 192 , 20

5. 6 , 1320 , 6 , 1320 , 12 , 660 , 36 , 220 , 144 , 55 , ,

- A) 720 , 11 B) 72 , 5 C) 72 , 7
D) 72 , 15 E) 720 , 5

6. 20 , 3 , 5 , 12 , 10 , 6 , 6 , 10 , 8 , 8 , 2 , 32 , ,

- A) 6 , 16 B) 4 , 16 C) 16 , 16
D) 8 , 16 E) 16 , 30

7. 2 , 2 , 2 , 10 , 4 , 19 , 12 , 30 , 12 , 42 , 24 , 56 , ,

- A) 72 , 71 B) 48 , 72 C) 16 , 16
D) 8 , 16 E) 72 , 728

8. 4 , 38 , 20 , 35 , 10 , 30 , 50 , 23 , 25 , ,

- A) 24 , 125 B) 32 , 125 C) 14 , 50
D) 12 , 50 E) 14 , 125

9. 2 , 1 , 6 , 1 , 24 , 2 , 12 , 6 , 16 , 24 , 64 , ,

- A) 96 , 16 B) 120 , 32 C) 120 , 16
D) 96 , 32 E) 128 , 88

10. 26 , 2 , 17 , 16 , 10 , 96 , 5 , 384 , 2 , ,

- A) 768 , 1 B) 167 , 4 C) 167 , 3
D) 167 , 1 E) 768 , 4

11. 4, 3, 4, 6, 8, 15, 32, 42, 256,,

- A) 268, 336 B) 516, 2862 C) 218, 3118
D) 123, 4096 E) 186, 3856

16. 17, 16, 18, 19, 20, 25, 26, 34,,

- A) 52, 53 B) 54, 86 C) 50, 46
D) 76, 78 E) 69, 68

12. 2, 1, 4, 3, 12, 3, 60, 9, 420,,

- A) 12, 3290 B) 27, 4620 C) 18, 4256
D) 42, 1286 E) 54, 1356

17. 15, 14, 12, 9, 16, 15, 32, 30, 29,,

- A) 60, 37 B) 25, 33 C) 38, 43
D) 49, 58 E) 32, 53

13. -4, -1, -5, 6, -2, 1, -7, 4, 0,,

- A) 2, -3 B) 4, -2 C) -3, -6
D) 2, -3 E) 3, -9

18. 4, 2, 8, 5, 8, 10, 16, 18, 16,,

- A) 54, 38 B) 48, 18 C) 24, 12
D) 30, 32 E) 36, 42

14. 21, 14, 63, 28, 60, 29, 180, 58,,

- A) 177, 59 B) 118, 226 C) 96, 158
D) 129, 138 E) 98, 148

19. 3, 8, 14, 5, 28, 20, 7, 17, 18,,

- A) 36, 54 B) 48, 54 C) 78, 81
D) 64, 92 E) 68, 36

15. 4, 6, 8, 15, 20, 36, 40, 69, 68,,

- A) 86, 94 B) 124, 136 C) 143, 138
D) 114, 104 E) 106, 112

20. 3, 3, 8, 11, 23, 27, 48, 51, 83,,

- A) 102, 166 B) 98, 116 C) 83, 128
D) 78, 98 E) 83, 146

1.

I:	?	6	12	24	48
II:	1	?	6	16	38

- A) 3, 2 B) 2, 3 C) 3, 4
D) 4, 3 E) 3, 3

2.

I:	32	?	8	4	2
II:	64	48	?	20	12

- A) 32, 24 B) 24, 16 C) 24, 32
D) 16, 24 E) 16, 32

3.

I:	6	8	12	18	26
II:	18	24	?	54	78

- A) 78 B) 36 C) 28 D) 24 E) 38

4.

I:	243	81	27	9	3
II:	243	162	?	36	15

- A) 221 B) 78 C) 36 D) 72 E) 81

5.

I:	7	?	63	189	567
II:	4	?	58	183	560

- A) 48, 12 B) 14, 32 C) 38, 20
D) 21, 17 E) 42, 10

6.

I:	22	25	31	?	40
II:	19	28	?	37	37

- A) 36, 28 B) 38, 62 C) 34, 28
D) 32, 39 E) 35, 31

7.

I:	12	15	13	?	14
II:	24	45	26	?	28

- A) 26, 52 B) 20, 43 C) 18, 27
D) 16, 48 E) 16, 27

8.

I:	13	17	21	?	29
II:	52	68	?	100	116

- A) 24, 72 B) 25, 84 C) 18, 65
D) 23, 84 E) 27, 90

9.

I:	?	24	30	39	51
II:	63	?	90	117	153

- A) 18, 48 B) 18, 72 C) 21, 48
D) 21, 72 E) 12, 81

10.

I:	5	7	4	6	?
II:	10	21	8	?	6

- A) 3, 18 B) 5, 18 C) 4, 16
D) 3, 16 E) 5, 16

11. I:

?	60	30	90	45
---	----	----	----	----

II:

17	65	23	?	34
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- A) 40, 29 B) 40, 99 C) 20, 29
D) 40, 90 E) 20, 99

12. I:

?	32	40	43	51
---	----	----	----	----

II:

31	31	42	42	?
----	----	----	----	---

- A) 29, 53 B) 24, 53 C) 29, 31
D) 24, 31 E) 30, 55

13. I:

?	40	48	52	60
---	----	----	----	----

II:

12	?	16	26	20
----	---	----	----	----

- A) 32, 18 B) 36, 18 C) 36, 20
D) 32, 14 E) 30, 20

14. I:

1	9	18	26	52	?
---	---	----	----	----	---

II:

6	45	72	78	?	60
---	----	----	----	---	----

- A) 104, 104 B) 78, 76 C) 72, 76
D) 60, 104 E) 75, 104

15. I:

?	3	14	7	18	9
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II:

3	?	7	14	9	18
---	---	---	----	---	----

- A) 9, 6 B) 6, 9 C) 7, 5 D) 5, 7 E) 6, 6

16. I:

7	?	16	28	52
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II:

?	50	64	84	104
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- A) 49, 14 B) 42, 10 C) 25, 12
D) 20, 14 E) 10, 42

17. I:

11	16	32	37	?	79
----	----	----	----	---	----

II:

22	32	64	?	148	158
----	----	----	---	-----	-----

- A) 72, 68 B) 62, 122 C) 74, 74
D) 49, 69 E) 54, 92

18. I:

?	10	15	18	23
---	----	----	----	----

II:

12	13	?	21	28
----	----	---	----	----

- A) 5, 18 B) 5, 15 C) 3, 17 D) 7, 20 E) 8, 15

19. I:

1	3	6	18	?
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II:

4	6	9	?	24
---	---	---	---	----

- A) 36, 16 B) 21, 21 C) 27, 18
D) 27, 22 E) 24, 15

20. I:

?	12	18	54	60
---	----	----	----	----

II:

10	?	24	162	66
----	---	----	-----	----

- A) 6, 24 B) 6, 20 C) 4, 36 D) 4, 22 E) 8, 18

1.

I:	9	12	17	24	33
II:	9	24	51	?	165

- A) 72 B) 96 C) 120 D) 150 E) 155

2.

I:	?	5	9	17	33
II:	18	25	?	51	66

- A) 3, 36 B) 2, 32 C) 4, 34
D) 2, 36 E) 3, 32

3.

I:	51	41	32	?	17	11
II:	102	82	64	?	34	22

- A) 26, 38 B) 24, 54 C) 24, 48
D) 26, 48 E) 26, 54

4.

I:	20	32	?	52	60
II:	10	?	20	26	30

- A) 38, 12 B) 42, 14 C) 40, 12
D) 48, 14 E) 40, 16

5.

I:	4	11	18	?	38
II:	8	16	?	32	42

- A) 24, 4 B) 14, 8 C) 27, 22
D) 12, 8 E) 14, 11

6.

I:	14	21	?	43	58
II:	9	16	31	?	53

- A) 28, 93 B) 36, 38 C) 41, 47
D) 42, 38 E) 36, 62

7.

I:	67	54	?	34	27
II:	64	50	38	?	20

- A) 42, 27 B) 42, 32 C) 43, 28
D) 48, 34 E) 52, 36

8.

I:	108	54	18	9	?
II:	114	62	28	?	17

- A) 3, 21 B) 3, 14 C) 6, 14
D) 2, 20 E) 6, 21

9.

I:	2	5	14	41	?
II:	1	7	25	79	?

- A) 86, 169 B) 104, 187 C) 104, 205
D) 122, 241 E) 122, 245

10.

I:	13	17	?	28	35
II:	13	17	?	22	23

- A) 22, 20 B) 24, 11 C) 27, 150
D) 26, 18 E) 21, 20

11.

I:	4	5	?	17	44
II:	3	?	4	9	28

- A) 10, 6 B) 15, 5 C) 12, 12
D) 7, 15 E) 8, 3

12.

I:	7	12	22	37	?	82
II:	14	36	44	?	114	246

- A) 57, 111 B) 57, 72 C) 74, 74
D) 74, 41 E) 111, 43

13.

I:	?	40	48	52	60
II:	12	?	16	26	20

- A) 32, 18 B) 36, 18 C) 36, 20
D) 32, 14 E) 30, 20

14.

I:	216	72	63	21	?
II:	200	60	55	17	?

- A) 7, 11 B) 14, 11 C) 12, 12
D) 60, 13 E) 7, 15

15.

I:	?	7	13	23	37
II:	5	6	?	20	33

- A) 5, 11 B) 4, 12 C) 2, 11
D) 5, 18 E) 2, 13

16.

I:	6	12	?	72	216
II:	?	5	27	61	203

- A) 24, 4 B) 36, 1 C) 36, 2
D) 38, 7 E) 42, 4

17.

I:	5	?	60	180	720
II:	?	19	57	184	717

- A) 30, 15 B) 45, 7 C) 15, 12
D) 35, 8 E) 15, 2

18.

I:	11	4	?	9	36
II:	?	7	49	45	315

- A) 17, 3 B) 16, 11 C) 8, 4
D) 15, 14 E) 11, 17

19.

I:	?	7	11	19	31
II:	2	12	?	24	26

- A) 3, 18 B) 4, 16 C) 3, 20
D) 7, 6 E) 5, 14

20.

I:	13	10	?	17	34
II:	11	30	?	51	32

- A) 16, 43 B) 20, 35 C) 20, 18
D) 14, 46 E) 14, 38

1.

I:	4	20	?	840	6720
II:	15	32	?	854	6735

- A) 60, 66 B) 80, 37 C) 40, 133
D) 36, 44 E) 120, 133

2.

I:	?	162	324	108	216
II:	489	?	327	106	219

- A) 466, 120 B) 45, 854 C) 486, 160
D) 324, 38 E) 262, 160

3.

I:	11	24	50	102	?	414
II:	22	12	100	51	412	?

- A) 204, 424 B) 206, 207 C) 209, 207
D) 216, 414 E) 216, 454

4.

I:	?	6	30	120	360	720
II:	6	30	120	360	720	?

- A) 5, 1440 B) 4, 1400 C) 3, 1020
D) 2, 750 E) 1, 720

5.

I:	107	97	87	77	?
II:	90	75	?	45	30

- A) 58, 63 B) 63, 58 C) 67, 60
D) 60, 67 E) 63, 60

6.

I:	13	31	67	?	283	571
II:	4	4	13	?	13	13

- A) 118, 10 B) 139, 11 C) 127, 13
D) 139, 13 E) 145, 10

7.

I:	?	35	210	1050	4200
II:	?	175	840	3150	8400

- A) 7, 120 B) 5, 30 C) 15, 18
D) 5, 25 E) 15, 30

8.

I:	3	?	6	12	36	156
II:	?	6	18	15	144	160

- A) 6, 6 B) 12, 12 C) 12, 3
D) 4, 3 E) 4, 6

9.

I:	7	9	?	27	47	77
II:	?	11	12	30	43	81

- A) 18, 5 B) 15, 5 C) 14, 9
D) 21, 6 E) 26, 4

10.

I:	7	12	27	?	87	132
II:	3	?	19	39	67	103

- A) 62, 7 B) 48, 11 C) 52, 7
D) 57, 13 E) 63, 7

11.

I:	4	52	?	305	306
II:	17	?	70	298	311

- A) 61, 41 B) 104, 34 C) 301, 35
D) 96, 51 E) 156, 65

12.

I:	3	8	18	33	53	?
II:	6	24	72	?	318	546

- A) 78, 165 B) 78, 144 C) 54, 74
D) 74, 165 E) 144, 182

13.

I:	2	3	7	16	32	?
II:	8	13	33	78	158	?

- A) 44, 283 B) 48, 296 C) 57, 283
D) 52, 229 E) 57, 296

14.

I:	1	5	21	?	121	221
II:	1	2	?	16	29	46

- A) 42, 8 B) 54, 6 C) 57, 7
D) 57, 8 E) 54, 7

15.

I:	17	?	14	28	23	25	50
II:	7	14	16	11	?	24	19

- A) 18, 18 B) 25, 18 C) 46, 22
D) 12, 22 E) 38, 15

16.

I:	11	15	45	41	44	?	128
II:	32	34	62	56	?	143	137

- A) 88, 71 B) 128, 112 C) 82, 57
D) 132, 57 E) 112, 62

17.

I:	5	12	24	21	?	56	53
II:	6	14	?	29	44	88	117

- A) 28, 28 B) 28, 17 C) 38, 27
D) 43, 18 E) 48, 26

18.

I:	?	5	20	55	118	217
II:	1	?	9	33	81	161

- A) 2, 1 B) 3, 5 C) 12, 6
D) 1, 8 E) 4, 7

19.

I:	14	?	20	29	42
II:	15	17	26	53	?

- A) 16, 106 B) 18, 159 C) 15, 153
D) 15, 162 E) 19, 136

20.

I:	7	14	?	33	66	63	189
II:	5	14	?	37	74	83	166

- A) 24, 26 B) 18, 17 C) 26, 32
D) 11, 28 E) 23, 27

Aşağıdaki serilerden hangisi hatalıdır?

Which of the followings series is false?

1. A) 2, 4, 6, 12, 36, 72, 216
B) 9, 10, 15, 16, 21, 22, 27
C) 41, 34, 32, 25, 23, 16, 14
D) 2, 8, 4, 16, 8, 32, 16
E) 41, 48, 45, 52, 49, 56, 53
2. A) 2, 4, 8, 14, 22
B) 100, 110, 130, 160, 200
C) 10, 18, 30, 46, 66
D) 15, 30, 42, 54, 63
E) 13, 20, 29, 40, 53
3. A) 40, 48, 56, 64
B) 216, 36, 6, 1
C) 20, 40, 80, 160
D) 40, 36, 32, 26
E) 20, 23, 26, 29
4. A) 4, 9, 0, 7, 2, 11, 4
B) 10, 12, 7, 9, 4, 6, 1
C) 20, 16, 22, 18, 24, 20, 26
D) 5, 2, 8, 5, 11, 8, 14
E) 93, 100, 97, 104, 101, 108, 105
5. A) 8, 10, 30, 32, 96
B) 93, 31, 27, 9, 5
C) 10, 4, 28, 22, 154
D) 4, 8, 13, 26, 31
E) 4, 16, 11, 44, 38
6. A) 3, 5, 8, 10, 13
B) 7, 10, 12, 15, 17
C) 12, 6, 13, 7, 14
D) 4, 8, 10, 5, 3
E) 3, 5, 10, 12, 24
7. A) 26, 19, 16, 9, 6
B) 13, 26, 39, 52, 65
C) 5, 15, 20, 60, 65
D) 18, 21, 25, 27, 31
E) 12, 18, 15, 21, 18
8. A) 7, 9, 18, 20, 40
B) 4, 7, 21, 24, 72
C) 13, 20, 15, 23, 30
D) 8, 13, 17, 22, 26
E) 12, 15, 22, 25, 32
9. A) 27, 18, 24, 15, 21
B) 17, 27, 22, 32, 27
C) 13, 26, 20, 33, 27
D) 25, 28, 30, 33, 35
E) 21, 42, 54, 84, 96
10. A) 18, 7, 12, 1, 6
B) 5, 10, 25, 30, 35
C) 17, 51, 41, 123, 113
D) 4, 11, 16, 23, 28
E) 56, 54, 44, 42, 32
11. A) 20, 10, 8, 10, 20
B) 7, 10, 30, 27, 9
C) 6, 10, 40, 36, 9
D) 30, 25, 30, 150, 750
E) 12, 9, 12, 4, 12
12. A) 4, 6, 12, 10, 5
B) 3, 12, 16, 4, 0
C) 2, 5, 15, 12, 4
D) 7, 21, 24, 8, 5
E) 6, 2, 8, 16, 12

13. A) 5, 10, 30, 60, 120
B) 18, 22, 66, 70, 210
C) 15, 18, 36, 39, 78
D) 4, 13, 26, 35, 70
E) 11, 9, 18, 16, 32

14. A) 27, 9, 18, 6, 12
B) 32, 16, 48, 24, 72
C) 5, 10, 20, 25, 50
D) 7, 14, 21, 42, 84
E) 8, 16, 11, 22, 17

15. A) 14, 28, 26, 13, 18
B) 16, 32, 36, 72, 76
C) 3, 21, 15, 105, 99
D) 6, 18, 24, 72, 78
E) 7, 13, 18, 24, 29

16. A) 5, 7, 11, 17, 25
B) 6, 7, 10, 17, 34
C) 10, 13, 18, 25, 34
D) 17, 20, 27, 38, 53
E) 55, 44, 35, 28, 23

17. A) 13, 18, 9, 14, 7
B) 7, 14, 18, 20, 16
C) 6, 12, 36, 144, 720
D) 3, 6, 8, 24, 27, 108
E) 4, 12, 17, 51, 56, 168

18. A) 15, 5, 8, 24, 27
B) 18, 15, 45, 48, 16
C) 3, 9, 12, 48, 52
D) 7, 14, 20, 40, 46
E) 8, 11, 33, 37, 148

19. A) 13, 13, 17, 25, 37
B) 4, 6, 12, 24, 42
C) 7, 14, 23, 34, 47
D) 9, 13, 17, 22, 27
E) 4, 12, 19, 57, 64

20. A) 8, 15, 29, 57, 113
B) 7, 20, 59, 176, 527
C) 4, 10, 28, 82, 244
D) 2, 5, 17, 65, 257
E) 2, 5, 12, 26, 52

21. A) 9, 10, 7, 12, 5
B) 16, 32, 8, 48, 6
C) 20, 5, 22, 3, 26
D) 13, 18, 11, 99, 9
E) 96, 12, 120, 10, 140

22. A) 119, 110, 102, 95, 86, 78
B) 2, 2, 4, 12, 12, 24
C) 1, 2, 6, 24, 48, 144
D) 10, 18, 27, 37, 45, 54
E) 120, 115, 109, 102, 97, 92

23. A) 5, 6, 8, 14, 38
B) 7, 11, 19, 35, 67
C) 15, 16, 19, 18, 21, 22, 25
D) 3, 12, 9, 36, 33, 132
E) 17, 6, 19, 8, 21, 10

24. A) 11, 22, 35, 50, 67
B) 3, 13, 43, 133, 403
C) 7, 18, 26, 71, 87
D) 3, 8, 23, 48, 83
E) 2, 8, 20, 40, 70, 112

1. $\frac{2160}{30}, \frac{360}{24}, \frac{72}{19}, \frac{18}{15}, \frac{6}{12}, \dots$

- A) $\frac{5}{11}$ B) $\frac{5}{10}$ C) $\frac{4}{9}$ D) $\frac{4}{11}$ E) $\frac{3}{10}$

5. $\frac{118}{57}, \frac{105}{68}, \frac{94}{81}, \frac{81}{92}, \frac{70}{105}, \dots$

- A) $\frac{59}{116}$ B) $\frac{57}{116}$ C) $\frac{81}{113}$ D) $\frac{94}{127}$ E) $\frac{57}{113}$

2. $\frac{91}{4}, \frac{83}{8}, \frac{75}{16}, \frac{67}{32}, \dots$

- A) $\frac{59}{64}$ B) $\frac{59}{96}$ C) $\frac{57}{48}$ D) $\frac{57}{64}$ E) $\frac{57}{96}$

6. $\frac{23}{14}, \frac{16}{21}, \frac{30}{35}, \frac{23}{42}, \dots$

- A) $\frac{16}{49}$ B) $\frac{57}{56}$ C) $\frac{43}{49}$ D) $\frac{37}{56}$ E) $\frac{37}{63}$

3. $\frac{4}{4}, \frac{12}{12}, \frac{24}{6}, \frac{72}{18}, \frac{144}{9}, \dots$

- A) $\frac{288}{6}$ B) $\frac{288}{27}$ C) $\frac{432}{27}$ D) $\frac{432}{6}$ E) $\frac{216}{36}$

7. $\frac{7}{7}, \frac{14}{14}, \frac{9}{42}, \frac{16}{168}, \dots$

- A) $\frac{11}{840}$ B) $\frac{21}{336}$ C) $\frac{23}{504}$ D) $\frac{32}{336}$ E) $\frac{11}{204}$

4. $\frac{7}{5}, \frac{14}{9}, \frac{19}{18}, \frac{38}{22}, \frac{43}{44}, \dots$

- A) $\frac{48}{88}$ B) $\frac{48}{48}$ C) $\frac{86}{88}$ D) $\frac{86}{48}$ E) $\frac{84}{64}$

8. $\frac{3}{4}, \frac{8}{10}, \frac{23}{22}, \frac{68}{46}, \frac{203}{94}, \dots$

- A) $\frac{405}{186}$ B) $\frac{811}{194}$ C) $\frac{608}{190}$ D) $\frac{407}{188}$ E) $\frac{610}{200}$

9. $\frac{93}{57}, \frac{84}{57}, \frac{77}{61}, \frac{68}{69}, \dots$

- A) $\frac{92}{96}$ B) $\frac{73}{121}$ C) $\frac{78}{81}$ D) $\frac{67}{91}$ E) $\frac{61}{81}$

13. $\frac{7}{108}, \frac{54}{14}, \frac{42}{18}, \frac{9}{84}, \dots$

- A) $\frac{15}{63}$ B) $\frac{72}{128}$ C) $\frac{18}{168}$ D) $\frac{252}{3}$ E) $\frac{36}{96}$

10. $\frac{4}{11}, \frac{11}{4}, \frac{20}{13}, \frac{31}{6}, \dots$

- A) $\frac{43}{19}$ B) $\frac{93}{24}$ C) $\frac{48}{18}$ D) $\frac{62}{12}$ E) $\frac{44}{15}$

14. $\frac{3}{2}, \frac{6}{6}, \frac{4}{18}, \frac{54}{7}, \dots$

- A) $\frac{63}{42}$ B) $\frac{27}{21}$ C) $\frac{6}{18}$ D) $\frac{14}{108}$ E) $\frac{5}{162}$

11. $\frac{96}{162}, \frac{54}{48}, \frac{24}{18}, \frac{6}{12}, \dots$

- A) $\frac{18}{24}$ B) $\frac{6}{2}$ C) $\frac{36}{27}$ D) $\frac{18}{36}$ E) $\frac{3}{4}$

15. $\frac{15}{5}, \frac{13}{33}, \frac{69}{37}, \frac{109}{141}, \frac{285}{325}, \dots$

- A) $\frac{295}{445}$ B) $\frac{973}{573}$ C) $\frac{518}{816}$ D) $\frac{415}{736}$ E) $\frac{650}{290}$

12. $\frac{3}{2}, \frac{6}{6}, \frac{12}{18}, \frac{54}{24}, \dots$

- A) $\frac{48}{162}$ B) $\frac{108}{466}$ C) $\frac{86}{96}$ D) $\frac{104}{72}$ E) $\frac{67}{42}$

16. $\frac{198}{85}, \frac{96}{99}, \frac{102}{109}, \frac{124}{51}, \dots$

- A) $\frac{168}{108}$ B) $\frac{62}{97}$ C) $\frac{54}{141}$ D) $\frac{248}{102}$ E) $\frac{54}{153}$

TAKTİK GROUP

1.

I:	4	8	?	18	19
II:	12	?	27	54	57
III:	14	20	29	?	59

- A) 9, 24, 50 B) 12, 16, 48 C) 16, 18, 32
D) 16, 18, 38 E) 9, 14, 52

5.

I:	15	11	?	10	13
II:	17	?	16	20	15
III:	20	20	19	?	18

- A) 15, 23, 21 B) 18, 26, 21 C) 14, 22, 18
D) 16, 18, 17 E) 22, 24, 17

2.

I:	3	?	8	16	18
II:	8	11	?	21	23
III:	16	22	26	?	46

- A) 5, 14, 32 B) 4, 17, 34 C) 6, 13, 42
D) 12, 24, 38 E) 4, 16, 42

6.

I:	86	?	72	68	66
II:	43	39	?	34	33
III:	48	45	41	?	38

- A) 76, 35, 40 B) 84, 36, 35 C) 74, 37, 37
D) 83, 34, 42 E) 78, 36, 40

3.

I:	17	15	?	17	21
II:	19	?	21	13	23
III:	?	15	26	19	30

- A) 13, 24, 18 B) 18, 16, 8 C) 20, 18, 12
D) 23, 16, 18 E) 19, 11, 22

7.

I:	?	34	25	18	13
II:	90	?	50	54	26
III:	?	92	42	44	18

- A) 24, 72, 46 B) 45, 102, 82 C) 17, 45, 46
D) 16, 82, 81 E) 17, 45, 54

4.

I:	?	12	9	27	24
II:	15	?	20	38	35
III:	45	46	?	76	105

- A) 10, 17, 56 B) 4, 23, 60 C) 14, 22, 56
D) 8, 23, 67 E) 10, 18, 71

8.

I:	78	?	44	22	27
II:	?	45	52	32	39
III:	83	?	55	36	44

- A) 39, 82, 47 B) 58, 36, 72 C) 68, 38, 61
D) 57, 42, 59 E) 82, 54, 69

9.

I:	13	?	32	35	70
II:	15	?	34	105	72
III:	30	51	68	?	144

- A) 26, 18, 88 B) 26, 17, 205 C) 16, 45, 136
D) 16, 48, 108 E) 18, 35, 72

10.

I:	4	?	18	54	60
II:	8	36	?	162	64
III:	18	44	28	?	66

- A) 12, 22, 166 B) 8, 78, 48 C) 12, 72, 84
D) 14, 86, 102 E) 15, 112, 184

11.

I:	?	5	8	13	20
II:	36	?	40	39	20
III:	7	9	?	19	27

- A) 2, 37, 18 B) 6, 42, 17 C) 4, 35, 13
D) 5, 25, 16 E) 3, 39, 13

12.

I:	7	?	17	28	43
II:	35	40	?	56	43
III:	36	42	54	?	48

- A) 9, 44, 28 B) 12, 46, 32 C) 14, 44, 48
D) 21, 52, 36 E) 10, 51, 60

13.

I:	2	3	?	9	17
II:	34	?	13	13	19
III:	?	26	22	24	32

- A) 4, 26, 28 B) 5, 19, 39 C) 7, 29, 29
D) 5, 25, 37 E) 12, 24, 28

14.

I:	94	?	62	49	38
II:	105	90	?	66	57
III:	12	36	?	54	27

- A) 86, 81, 27 B) 87, 82, 38 C) 76, 68, 41
D) 77, 77, 18 E) 78, 79, 48

15.

I:	17	?	21	29	41
II:	18	?	19	21	24
III:	35	?	40	50	65

- A) 19, 25, 32 B) 18, 26, 36 C) 23, 14, 28
D) 24, 18, 38 E) 17, 18, 35

16.

I:	154	?	150	145	138
II:	81	?	89	99	113
III:	73	70	?	46	25

- A) 153, 83, 61 B) 168, 85, 54 C) 168, 87, 51
D) 152, 87, 78 E) 153, 79, 68

Aşağıdaki serilerde kuralı bozan sayıyı bulunuz.
Which number breaks the rule in the sequence below.

1. 37, 39, 43, 49, 58, 67, 79

A) 39 B) 43 C) 49 D) 58 E) 67

2. 8, 4, 12, 5, 18, 9, 27

A) 5 B) 9 C) 12 D) 18 E) 27

3. 21, 23, 26, 30, 36, 41, 48

A) 41 B) 30 C) 36 D) 26 E) 23

4. 21, 7, 28, 7, 35, 7, 47

A) 21 B) 7 C) 35 D) 28 E) 47

5. 2, 5, 11, 24, 47, 95

A) 24 B) 11 C) 47 D) 5 E) 95

6. 4, 5, 10, 12, 22, 23, 46

A) 5 B) 12 C) 22 D) 23 E) 46

7. 8, 6, 13, 10, 20, 18, 36

A) 6 B) 13 C) 10 D) 20 E) 8

8. 8, 12, 17, 26, 36, 47, 65, 84, 104

A) 17 B) 47 C) 26 D) 36 E) 65

9. 4, 6, 10, 17, 26, 38, 54, 69, 88

A) 54 B) 38 C) 69 D) 26 E) 10

10. 3, 6, 6, 9, 18, 20, 63, 66

A) 9 B) 63 C) 20 D) 18 E) 65

11. 9, 12, 15, 19, 22, 25, 27, 32, 35, 39

A) 27 B) 22 C) 25 D) 32 E) 35

12. 8, 24, 10, 36, 18, 54, 27, 81

A) 27 B) 54 C) 18 D) 24 E) 10

13. 3, 6, 18, 15, 5, 16, 24, 21, 7, 10, 30

A) 16 B) 18 C) 24 D) 10 E) 21

14. 20, 15, 3, 8, 24, 35, 7, 12, 60, 55

A) 7 B) 8 C) 35 D) 24 E) 60

Aşağıdaki serilerde kuralı bozan sayının yerine gelecek sayıyı bulunuz.

Which number should be stood of the number, which breaks the rule in the sequence given below.

15. 2, 2, 4, 12, 60, 240, 1440

A) 1 B) 48 C) 8 D) 300 E) 16

16. 3, 6, 12, 36, 48, 96

A) 8 B) 72 C) 40 D) 24 E) 16

17. 9, 10, 9, 13, 9, 12, 9, 13

A) 8 B) 12 C) 14 D) 9 E) 11

18. 26, 30, 27, 31, 28, 34, 29, 33

A) 32 B) 35 C) 33 D) 36 E) 28

19. 5, 5, 40, 8, 6, 18, 15, 60

A) 4 B) 9 C) 12 D) 10 E) 24

20. 5, 7, 14, 16, 30, 34, 68

A) 15 B) 14 C) 32 D) 22 E) 19

21. 3, 4, 8, 11, 33, 49, 294, 301

A) 44 B) 51 C) 296 D) 245 E) 33

22. 54, 18, 36, 12, 24, 6, 16

A) 5 B) 30 C) 8 D) 32 E) 10

23. 14, 20, 10, 16, 8, 18, 7, 13

A) 22 B) 15 C) 14 D) 30 E) 12

24. 25, 26, 28, 34, 41, 50, 61

A) 24 B) 29 C) 32 D) 36 E) 48

25. 17, 22, 28, 56, 65, 67, 134, 139, 145

A) 132 B) 52 C) 61 D) 144 E) 85

26. 4, 4, 20, 40, 200, 1000, 3000, 12000, 60000

A) 6 B) 60 C) 110000
D) 6000 E) 600

27. 2, 4, 12, 6, 12, 36, 18, 108

A) 36 B) 50 C) 10 D) 18 E) 24

28. 16, 64, 32, 96, 48, 96, 48, 144

A) 48 B) 96 C) 64 D) 72 E) 112

TAKTİK GROUP

1.

I:	13	26	78	156	468	936
II:	156	153	151	148	146	143
III:	7	21	42	126	252	756
IV:	?	?	?	?	?	?

- A) 14 16 19 21 24 24
B) 47 45 42 40 37 34
C) 24 21 18 16 13 11
D) 118 116 113 111 108 106
E) 17 19 16 18 15 17

4.

I:	72	75	71	74	70	73
II:	68	73	67	72	66	71
III:	74	78	71	75	68	72
IV:	?	?	?	?	?	?

- A) 14 20 11 19 25 31
B) 91 97 88 94 85 92
C) 87 81 90 96 87 93
D) 66 72 63 69 60 66
E) 15 21 12 18 24 15

2.

I:	421	416	408	403	395	390
II:	381	389	384	392	387	395
III:	241	230	223	212	205	194
IV:	?	?	?	?	?	?

- A) 14 21 32 25 14 3
B) 31 38 27 34 45 52
C) 412 419 408 415 404 411
D) 15 22 11 18 29 36
E) 17 34 23 30 37 48

5.

I:	17	20	40	43	86	89
II:	11	16	64	69	276	281
III:	21	23	46	48	96	98
IV:	?	?	?	?	?	?

- A) 17 21 48 52 56 78
B) 13 42 46 50 200 204
C) 3 7 28 32 128 132
D) 7 11 44 48 56 60
E) 21 25 100 104 208 98

3.

I:	14	28	30	15	13	26
II:	17	19	38	36	18	20
III:	13	39	42	14	11	33
IV:	?	?	?	?	?	?

- A) 21 18 54 57 19 24
B) 15 18 54 51 17 20
C) 17 51 54 18 21 7
D) 7 21 24 8 11 33
E) 14 42 45 15 18 54

6.

I:	78	85	81	88	84	91
II:	62	76	74	88	86	100
III:	72	75	67	70	62	65
IV:	?	?	?	?	?	?

- A) 13 19 15 21 27 23
B) 56 62 58 64 60 66
C) 41 47 43 49 55 51
D) 13 19 25 21 27 33
E) 65 71 69 73 70 76

NUMERICAL SERIES

7.

I:	4	12	13	39	40	120
II:	41	38	40	37	39	36
III:	12	24	28	56	60	120
IV:	?	?	?	?	?	?

- A) 38 36 44 42 50 58
- B) 17 34 38 56 60 62
- C) 15 30 34 68 126 124
- D) 71 73 81 79 88 86
- E) 62 60 68 66 74 72

8.

I:	4	8	6	12	10	20
II:	5	15	12	36	33	99
III:	2	8	4	16	12	48
IV:	?	?	?	?	?	?

- A) 17 22 18 23 28 25
- B) 3 9 14 19 16 21
- C) 112 117 114 119 116 121
- D) 6 30 25 125 120 600
- E) 15 21 14 20 13 19

9.

I:	7	18	36	47	94	105
II:	83	81	92	90	101	99
III:	1	10	30	39	117	126
IV:	?	?	?	?	?	?

- A) 61 63 72 69 78 75
- B) 75 72 81 78 87 84
- C) 85 86 89 98 95 104
- D) 94 91 100 97 88 91
- E) 71 68 78 75 84 87

10.

I:	4	8	24	28	84	88
II:	7	4	16	13	52	49
III:	2	7	28	33	132	137
IV:	?	?	?	?	?	?

- A) 31 27 145 141 705 701
- B) 3 15 11 55 59 255
- C) 13 18 72 77 81 85
- D) 3 8 40 43 215 219
- E) 7 3 15 11 55 51

11.

I:	3	6	8	16	18	36
II:	2	6	9	27	30	90
III:	2	10	15	75	80	400
IV:	?	?	?	?	?	?

- A) 4 28 35 42 59 66
- B) 2 12 18 108 114 684
- C) 15 30 34 68 126 124
- D) 71 73 81 79 88 86
- E) 62 60 68 66 74 72

12.

I:	97	100	95	98	93	96
II:	6	3	8	5	10	7
III:	17	24	18	25	19	26
IV:	?	?	?	?	?	?

- A) 21 14 20 27 21 28
- B) 13 6 12 19 13 20
- C) 19 12 18 11 17 10
- D) 13 20 17 24 21 28
- E) 25 30 35 32 37 34

13.

I:	13	15	45	47	141	143
II:	4	12	14	42	44	132
III:	1	5	25	29	145	149
IV:	?	?	?	?	?	?

- A) 2 10 14 70 74 78
- B) 3 7 35 39 195 199
- C) 4 20 24 28 140 145
- D) 3 15 20 24 120 124
- E) 3 15 19 95 99 495

14.

I:	17	16	16	15	15	14
II:	4	4	5	5	6	6
III:	13	10	30	27	81	78
IV:	?	?	?	?	?	?

- A) 3 9 12 36 39 42
- B) 4 12 15 45 48 144
- C) 11 33 36 39 117 120
- D) 3 6 18 21 63 66
- E) 9 27 81 84 252 255

1.

I:	220	217	31	28	4	1
II:	3	6	42	45	315	318
III:	127	124	31	28	7	4
IV:	?	?	?	?	?	?

- A) 4 7 28 31 124 127
B) 17 14 64 67 70 180
C) 9 27 31 93 97 388
D) 2 5 35 38 266 269
E) 13 52 55 52 13 16

4.

I:	4	8	24	48	144	288
II:	28	30	33	35	38	40
III:	5	10	40	80	320	640
IV:	?	?	?	?	?	?

- A) 19 21 25 29 31 35
B) 14 16 20 22 26 30
C) 71 73 77 79 83 85
D) 34 36 40 42 46 50
E) 14 18 22 24 26 30

2.

I:	5	10	7	14	11	22
II:	3	12	6	24	18	72
III:	4	12	6	18	12	36
IV:	?	?	?	?	?	?

- A) 3 18 6 36 24 144
B) 4 24 12 72 60 380
C) 3 36 42 126 132 138
D) 7 42 30 180 168 508
E) 13 19 7 42 54 60

5.

I:	34	41	30	37	26	33
II:	25	36	29	40	33	44
III:	31	35	28	32	25	29
IV:	?	?	?	?	?	?

- A) 17 10 14 7 11 4
B) 13 20 16 23 30 26
C) 22 29 25 32 39 46
D) 19 26 22 29 25 32
E) 34 41 38 34 27 31

3.

I:	17	21	27	31	37	41
II:	94	88	84	78	74	68
III:	17	24	35	42	53	60
IV:	?	?	?	?	?	?

- A) 77 66 73 62 69 58
B) 13 24 31 42 49 60
C) 110 103 96 85 78 67
D) 74 63 56 45 38 27
E) 17 6 13 2 8 19

6.

I:	3	8	16	21	42	47
II:	9	7	35	33	165	163
III:	7	10	30	33	99	102
IV:	?	?	?	?	?	?

- A) 4 12 9 27 24 72
B) 12 9 27 24 72 69
C) 12 6 36 39 42 126
D) 15 12 36 33 99 102
E) 14 11 33 30 90 93

7.

I:	17	25	50	58	116	124
II:	34	68	60	120	112	224
III:	7	13	39	45	135	141
IV:	?	?	?	?	?	?

- A) 9 27 21 63 57 60
- B) 13 39 33 36 45 135
- C) 14 20 60 63 69 75
- D) 23 26 20 60 54 57
- E) 16 48 42 126 120 360

8.

I:	114	117	122	125	130	133
II:	81	76	79	74	77	72
III:	96	103	112	119	128	135
IV:	?	?	?	?	?	?

- A) 115 106 111 118 121 112
- B) 75 84 91 98 107 114
- C) 115 106 113 104 111 102
- D) 92 83 90 81 88 95
- E) 98 91 100 107 98 89

9.

I:	4	12	11	33	32	96
II:	37	43	41	47	45	51
III:	14	28	25	50	47	94
IV:	?	?	?	?	?	?

- A) 87 83 89 93 99 95
- B) 15 19 13 17 11 21
- C) 48 52 46 50 44 48
- D) 19 23 17 21 24 18
- E) 13 17 23 46 40 44

10.

I:	17	15	30	28	56	54
II:	13	26	28	56	58	116
III:	11	8	24	21	63	60
IV:	?	?	?	?	?	?

- A) 7 21 24 72 75 225
- B) 9 27 30 33 99 96
- C) 17 51 54 162 159 156
- D) 21 63 60 180 183 186
- E) 5 15 18 54 51 153

11.

I:	9	16	32	39	78	85
II:	15	29	27	41	39	53
III:	4	12	36	44	132	140
IV:	?	?	?	?	?	?

- A) 11 27 24 40 56 53
- B) 8 16 48 45 61 58
- C) 27 43 40 56 53 69
- D) 17 33 30 46 49 62
- E) 13 16 32 29 45 42

12.

I:	4	6	24	26	104	106
II:	82	79	84	81	86	83
III:	11	14	56	59	236	239
IV:	?	?	?	?	?	?

- A) 1 4 16 48 44 132
- B) 12 8 24 20 60 56
- C) 11 7 21 17 51 54
- D) 14 18 48 44 132 128
- E) 13 9 14 10 15 11

13.

I:	13	27	54	68	136	150
II:	96	82	84	70	72	58
III:	3	14	42	53	159	170
IV:	?	?	?	?	?	?

- A) 87 68 71 60 63 52
- B) 48 37 40 29 32 41
- C) 136 125 128 117 121 111
- D) 42 31 34 37 26 29
- E) 123 112 115 104 107 96

14.

I:	87	89	93	95	99	101
II:	13	19	27	33	41	47
III:	54	57	62	65	70	73
IV:	?	?	?	?	?	?

- A) 54 63 73 82 92 101
- B) 17 27 39 48 58 47
- C) 14 17 26 36 45 54
- D) 72 81 92 101 113 121
- E) 14 23 33 42 51 61

SAYI DİZİLERİ
NUMERICAL SERIES

YANIT ANAHTARI | **ANSWER KEY**

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
D	B	A	D	A	B	A	B	B	D	C	C	D	B	B	B	D	D	B	E

TEST 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
D	D	A	B	E	E	C	B	B	C	C	C	B	E	D	C	B	C	D	E

TEST 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B	E	C	C	E	C	A	D	B	E	A	D	D	B	E	C	C	C	B	A

TEST 4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B	C	A	E	B	D	E	C	D	B	A	C	E	B	D	B	A	D	E	C

TEST 5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	E	A	C	A	E	B	B	D	B	A	B	A	D	D	E	B	C	D	A

TEST 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	B	E	C	B	E	C	B	E	B	B	A	D	B	C	A	D	B	D	E

TEST 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	A	B	D	E	D	C	C	A	D	C	D	B	C	D	D	D	D	A	D

TEST 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
D	C	A	D	C	B	D	A	B	E	C	C	D	A	A	D	C	E	A	D

TEST 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
E	D	A	C	B	D	A	E	E	E	C	E	D	B	C	A	E	C	B	D

TEST 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	D	C	B	D	E	C	A	C	C	A	E	B	D	B	A	C	E	C	A

TEST 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	C	B	D	A	B	A	E	B	A	D	B	E	A	D	C	B	D	E	C

TEST 12

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	E	B	E	D	C	D	B	D	A	E	A	C	D	E	E	C	D	B	C

TEST 13

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B	A	C	E	C	B	C	A	D	A	E	A	C	C	A	B	E	B	D	C

TEST 14

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
E	C	B	E	C	D	B	E	B	C	A	A	C	C	D	D	A	A	D	D

TEST 15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	D	D	A	E	D	C	E	B	D	E	A	D	A	B	B	A	B	E	C	E	C	C	C

TEST 16

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	A	C	D	B	D	A	C	E	E	B	A	D	E	B	C

TEST 17

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	C	E	B	C	E	B	A	D	A	C	E	B	D	E	A

TEST 18

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
D	A	C	E	A	B	B	B	A	C	A	E	A	D	B	D	E	A	A	C	A	C	C	B	C	E	A	A

TEST 19

1	2	3	4	5	6	7	8	9	10	11	12	13	14
D	C	B	D	C	B	E	D	B	E	B	C	E	B

TEST 20

1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	A	D	C	D	B	E	C	C	A	C	E	E	A



1. I. $3 \blacktriangle 4 \rightarrow 3^2 + (3 \cdot 4) - 4^2$

II. $4 \blacktriangle 3 \rightarrow ?$

- A) 12 B) 16 C) 18 D) 19 E) 21

2. I. $2a \bullet b = a - b$

II. $a \blacktriangle b = a \cdot b$

III. $(16 \bullet 5) \blacktriangle 3 = ?$

- A) 6 B) 9 C) 15 D) 27 E) 33

3. I. $2a \bullet b = a - b$

II. $a \blacktriangle b = a^2 - 3b$

III. $(16 \bullet 5) \blacktriangle 3 = ?$

- A) 0 B) 3 C) 6 D) 9 E) 27

4. I. $a^2 \blacksquare b = a + 2b$

II. $9 \blacksquare 3 = 9$

III. $16 \blacksquare 5 = ?$

- A) 14 B) 16 C) 18 D) 21 E) 29

5. I. $a^2 \blacksquare b^3 = a + 2b$

II. $9 \blacksquare 8 = 7$

III. $16 \blacksquare 1 = ?$

- A) 1 B) 2 C) 4 D) 6 E) 8

6. I. $a \blacktriangle b = a + a \cdot b - b^2$

II. $a \blacksquare b = a^b - b^a$

III. $(4 \blacktriangle 2) \blacksquare 1 = ?$

- A) 7 B) 6 C) 5 D) 4 E) 3

7. I. $a \blacksquare b = 3a - 2b$

II. $2 \blacksquare 3 = ?$

- A) 1 B) 2 C) 0 D) 6 E) 8

8. I. $x \blacksquare y = 4x - \frac{y}{2} + 1$

II. $2 \blacksquare 8 = ?$

- A) 6 B) 5 C) 3 D) 2 E) 1

9. I. $a \odot b = a^2 - 2ab + b^2$

II. $5 \odot 6 = ?$

- A) 30 B) 22 C) 15 D) 11 E) 1

10. I. $x \blacktriangle = 3x + 1$

II. $y \blacksquare = y^2 - 4$

III. $(3 \blacktriangle) \blacksquare = ?$

- A) 13 B) 63 C) 80 D) 92 E) 96

11. I. $a \triangle b = \frac{2b}{5a}$

II. $a \odot b = \frac{a+2b}{2a+b}$

III. $\frac{3 \triangle 4}{2 \odot 6} = ?$

- A)
- $\frac{17}{3}$
- B)
- $\frac{11}{2}$
- C) 22 D)
- $\frac{37}{4}$
- E)
- $\frac{8}{21}$

12. I. $a \oplus b = \frac{2b^2}{a^2}$

II. $a \square b = \frac{2a+3b}{3}$

III. $8 \oplus (3 \square 4) = ?$

- A)
- $\frac{9}{8}$
- B) 43 C)
- $\frac{28}{3}$
- D) 18 E)
- $\frac{19}{3}$

13. I. $a \blacktriangle b = \sqrt{a^2 \cdot b}$

II. $a \circ b = \frac{5a-2b}{3}$

III. $(3 \circ 6) \blacktriangle (7 \circ 16) = ?$

- A) 12 B) 18 C) 41 D) 1 E) 7

14. I. $a \triangle b = \sqrt{a^2 \cdot b} - a \cdot b + \sqrt{a \cdot b^2 + 1}$

II. $a \square b = a^2 + b^2 + a \cdot b$

III. $(3 \triangle 4) \square 2 = ?$

- A) 29 B) 7 C) 56 D) 14 E) 47

15. I. $a \bullet b = \frac{a \cdot b}{(2a) + \left(\frac{b}{4}\right)}$

II. $a \square b = \sqrt[3]{b}$

III. $5 \bullet (3 \square 64) = ?$

- A)
- $\frac{9}{11}$
- B)
- $\frac{10}{11}$
- C)
- $\frac{7}{10}$
- D)
- $\frac{4}{3}$
- E)
- $\frac{20}{11}$

16. I. $a \bullet b = \frac{2}{a} - \frac{1}{b}$

II. $a \square b = \frac{2a+3b}{11}$

III. $4 \bullet (3 \square 9) = ?$

- A) 4 B) 1 C)
- $\frac{1}{6}$
- D)
- $\frac{3}{2}$
- E)
- $\frac{5}{6}$

1. I. $a \blacktriangle b = 3 \cdot (a + b)$

II. $a \oplus b = 2 \cdot \frac{a}{b}$

III. $(4 \blacktriangle 2) \oplus (6 \oplus 3) = ?$

- A) 24 B) 18 C) 15 D) 12 E) 9

2. I. $a \blacksquare b = \sqrt[3]{b}$

II. $a \bullet b = a + b$

III. $(3 \blacksquare 125) \bullet 27 = ?$

- A) 16 B) 18 C) 24 D) 32 E) 36

3. I. $a \oplus b = \frac{5b}{a}$

II. $a \blacklozenge b = \frac{a}{5b}$

III. $(25 \oplus 3) \blacklozenge 4 = \frac{3}{100}$

IV. $25 \oplus (3 \blacklozenge 4) = ?$

- A) $\frac{1}{20}$ B) $\frac{3}{5}$ C) $\frac{4}{25}$ D) $\frac{3}{100}$ E) $\frac{4}{125}$

4. I. $a \blacktriangle b = (a + b) \cdot (a^2 - ab + b^2)$

II. $c \blacktriangle 3 = 91$

$\Rightarrow c = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

5. I. $x \square y = x + y^x$

II. $x \circ y = x^y + y$

III. $(2 \square - 1) \circ (1 \square 3) = ?$

- A) 62 B) 78 C) 80 D) 85 E) 90

6. I. $a \bullet b = \frac{b}{a}$

II. $a \oplus b = \frac{1}{b} - \frac{1}{a}$

III. $(12 \bullet 48) \oplus (4 \bullet 36) = ?$

- A) $\frac{1}{18}$ B) $\frac{1}{9}$ C) $\frac{2}{9}$ D) $-\frac{2}{19}$ E) $-\frac{5}{36}$

7. I. $3 \cdot a \blacktriangle b^4 = \frac{a-b}{2}$

II. $a \oplus b = a^3 - b^2$

III. $(27 \blacktriangle 81) \oplus (36 \blacktriangle 256) = ?$

- A) 10 B) 11 C) 12 D) 13 E) 14

8. I. $a \blacktriangle b = a^2 \blacksquare b^2$

II. $a \blacksquare b = \frac{a+b}{a \cdot b}$

III. $4 \blacktriangle 2 = ?$

- A) 2 B) $\frac{3}{4}$ C) $\frac{9}{8}$ D) $\frac{5}{16}$ E) $\frac{7}{15}$

9. I. $a \odot b = a \nabla (b - a)$

II. $a \nabla b = \frac{a^2 + b^2}{b - a}$

III. $4 \odot 9 = ?$

- A) 18 B) 24 C) 36 D) 41 E) 53

10. I. $a \blacktriangle b = 2 \cdot (a \blacksquare b) + 3$

II. $a \blacksquare b = b^2 - 4a - 5$

III. $3 \blacktriangle 7 = ?$

- A) 49 B) 56 C) 63 D) 67 E) 75

11. I. $a \odot b = \frac{a+b}{3}$

II. $a \blacktriangle b = \sqrt{a-b}$

III. $(27 \odot 9) \blacktriangle (13 \odot 11) = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

12. I. $a \diamond b = 2a + b^2$

II. $a \diamond b = 3 \cdot (a - b)^2$

III. $(5 \diamond 3) \diamond (7 \diamond 2) = ?$

- A) 1 B) 3 C) 27 D) 48 E) 75

13. I. $a \blacklozenge b = a^2 - b^2$

II. $1001 \blacklozenge 1000 = ?$

- A) 1 B) 2001 C) 100010
D) 201001 E) 1002001

14. I. $A \blacktriangle B = A^2 + 2 \cdot B$

II. $A^3 \blacklozenge B = A - \frac{B}{2}$

III. $(64 \blacklozenge 6) \blacktriangle 2 = ?$

- A) 2 B) 3 C) 4 D) 5 E) 9

15. I. $2 \cdot a \odot 3 \cdot b = 3 \cdot a + 2 \cdot b$

II. $3 \cdot a \blacktriangle 2 \cdot b = 4 \cdot a + 3 \cdot b$

III. $(4 \odot 9) \blacktriangle 8 = ?$

- A) 24 B) 28 C) 32 D) 38 E) 46

16. I. $a^2 \bullet b^3 = 3a + 2b$

II. $16 \bullet 8 = 16$

III. $36 \bullet 125 = ?$

- A) 24 B) 28 C) 32 D) 38 E) 46

1. I. $x \nabla y = \frac{x+y}{2}$

II. $x \oplus y = 2 \cdot (x-y)$

III. $(6 \nabla 4) \oplus (3 \oplus 2) = ?$

- A) 3 B) 4 C) 5 D) 6 E) 7

2. I. $a \nabla b = 2 \cdot a + 4 \cdot b$

II. $a \oplus b = 5 \cdot a - 2 \cdot b$

III. $(3 \nabla 4) + (2 \nabla 1) - (5 \oplus 10) = ?$

- A) 10 B) 15 C) 20 D) 25 E) 30

3. I. $x \blacktriangle y = x^2 - 3y$

II. $x \bullet y = 5 \cdot x - y^3$

III. $(2 \blacktriangle 3) + (2 \bullet 2) = ?$

- A) -1 B) -2 C) -3 D) -4 E) -5

4. $a^2 \blacktriangle b = \frac{1}{a} + 2 \cdot b$

$a \blacksquare b^2 = \frac{a}{b} \cdot \frac{1}{a}$

$(9 \blacktriangle 4) \blacksquare 16 = ?$

- A) 1 B)
- $\frac{1}{2}$
- C) 2 D) 4 E)
- $\frac{1}{4}$

5. I. $3 \cdot x \bullet 4 \cdot y = x^2 + \frac{3y}{5}$

II. $15 \bullet 40 = ?$

- A) 13 B) 17 C) 22 D) 27 E) 31

6. I. $2 \cdot a^2 \blacktriangle 3 \cdot b^3 = \frac{4 \cdot a}{5} + 2 \cdot b$

II. $50 \blacktriangle 24 = ?$

- A) 10 B) 9 C) 8 D) 7 E) 6

7. I. $\frac{4 \cdot a}{3} \blacktriangle \frac{2 \cdot b}{7} = \frac{2 \cdot a}{5} + \frac{9 \cdot b}{2}$

II. $20 \blacktriangle 4 = ?$

- A) 60 B) 63 C) 66 D) 69 E) 72

8. I. $x^2 \blacksquare y^3 = 5 \cdot x - 2 \cdot y + 3 \cdot x \cdot y$

II. $16 \blacksquare 125 = ?$

- A) 85 B) 70 C) 40 D) 50 E) 55

9. I. $\frac{5 \cdot a}{3} \blacktriangle (b + 1) = \frac{2 \cdot a + 6}{4} - 3 \cdot b$

II. $5 \blacktriangle 6 = ?$

- A) -15 B) -14 C) -13 D) -12 E) -11

10. I. $\frac{3 \cdot x + 2}{4} \blacktriangle (5 \cdot y - 3) = \frac{x}{2} - y^2$

II. $2 \blacktriangle 2 = ?$

- A) 0 B) 1 C) 2 D) 3 E) 4

11. I. $(a^2 + 1) \blacksquare (b^2 - 1) = 3a - 2 \cdot b + 1$

II. $17 \blacksquare 24 = ?$

- A) 1 B) 3 C) 27 D) 48 E) 75

12. I. $(3a - 1) \blacksquare (2b + 3) = 4b - 2a$

II. $(-1) \blacksquare 4 = ?$

- A) 8 B) 6 C) 4 D) 2 E) 0

13. I. $x^2 \blacktriangle \frac{y}{2} = \frac{x}{2} + 3y$

II. $\frac{x}{3} \bullet y^3 = 2x - \frac{y}{4}$

III. $(16 \blacktriangle 2) - (1 \bullet 64) = ?$

- A) 12 B) 9 C) 6 D) 3 E) 0

14. I. $\frac{5x}{4} \blacksquare 3y = 3x - \frac{y}{2}$

II. $2x \bullet \frac{2y}{5} = \frac{4x}{3} + 3y$

III. $(5 \blacksquare 6) + (6 \bullet 4) = ?$

- A) 44 B) 43 C) 42 D) 45 E) 40

15. I. $5x \bullet \frac{4y}{3} = 3x + 2y$

II. $\frac{x^2}{2} \blacktriangle y^3 = 2x + 2y$

III. $(15 \bullet 4) - (8 \blacktriangle 27) = ?$

- A) -1 B) 1 C) 3 D) 9 E) 10

16. I. $a \blacksquare b^2 = \frac{a - 2b}{5}$

II. $\frac{a}{2} \blacktriangle \frac{3 \cdot b}{2} = a^2 + a + b$

III. $(2 \blacktriangle 6) \blacksquare 4 = ?$

- A) 4 B) 12 C) 18 D) 6 E) 10

1. I. $2 \cdot (a^3) \blacksquare b^2 = \frac{a}{2} + \frac{3b}{2}$

II. $3 \cdot a \blacktriangle 2 \cdot b = a^2 + \frac{b}{3}$

III. $(18 \blacktriangle 18) - (128 \blacksquare 64) = ?$

- A) 12 B) 15 C) 18 D) 25 E) 27

2. I. $(2x + 1) \blacksquare 4y = \frac{x-1}{3} + 2y + 1$

II. $(3x - 2) \blacktriangle (y - 3) = \frac{x}{2} + 4y$

III. $(5 \blacksquare 2) - (10 \blacktriangle (-2)) = ?$

- A) $-\frac{10}{3}$ B) $-\frac{11}{3}$ C) -4 D) $-\frac{13}{3}$ E) $-\frac{14}{3}$

3. I. $\frac{x}{3} \bullet \left(\frac{4y-2}{5} \right) = \frac{5x}{2} + \frac{3y}{4}$

II. $\frac{2x}{3} \blacksquare 3y = \frac{x}{6} + 2y$

III. $(2 \bullet 2) + (8 \blacksquare \frac{3}{2}) = ?$

- A) $\frac{83}{4}$ B) $\frac{81}{4}$ C) $\frac{79}{4}$ D) $\frac{41}{2}$ E) 20

4. I. $(3a - 2) \blacktriangle (2b + 1) = 5a - 4b$

II. $a^2 \blacksquare (b + 1) = 2a + \frac{b}{2}$

III. $(7 \blacktriangle 5) - (16 \blacksquare 7) = ?$

- A) -5 B) -4 C) -3 D) -2 E) -1

5. I. $a \bullet b = \frac{ab}{a+b} + 19$

II. $a \square b = \frac{1}{a} + \frac{1}{b}$

III. $(14 \square 19) \cdot (14 \bullet 19) = ?$

- A) $\frac{19}{2}$ B) $\frac{14}{19}$ C) $\frac{47}{14}$ D) $\frac{17}{14}$ E) $\frac{19}{6}$

6. I. $a \square b = \frac{1 - \frac{1}{b}}{\frac{1}{ab}}$

II. $\frac{1}{3} \square \frac{1}{2} = ?$

- A) 6 B) $\frac{1}{36}$ C) 36 D) $\frac{1}{6}$ E) 1

7. I. $2a \square b = a^2 \blacktriangle (b - 1)^2$

II. $a \blacktriangle b = \frac{(a+b)^3 - 3ab(a+b)}{(a+b)(a^2 - ab + b^2)}$

III. $22 \square 9 = ?$

- A) 174 B) 67 C) 1 D) $\frac{51}{4}$ E) $\frac{15}{7}$

8. I. $a \blacktriangledown b = a^2 - b^2$

II. $504 \blacktriangledown 496 = ?$

- A) 7016 B) 1064 C) 8000
D) 9064 E) 2625

9. I. $a \blacksquare 6 = 3a + 3$
II. $5 \blacksquare 2 = 6$
III. $2 \blacksquare 16 = ?$

A) 16 B) 24 C) 28 D) 36 E) 42

10. I. $a \blacktriangle 8 = 4a + 8$
II. $12 \blacktriangle 6 = 42$
III. $7 \blacktriangle 4 = ?$

A) 18 B) 28 C) 19 D) 22 E) 16

11. I. $a \blacktriangle 3 = a + 2$
II. $3 \blacktriangle 9 = 17$
III. $12 \blacktriangle 15 = ?$

A) 15 B) 5 C) 22 D) 60 E) 74

12. I. $K \blacksquare 3 = K^3 + 1$
II. $2 \blacksquare 6 = 10$
III. $3 \blacksquare 3 = ?$

A) 24 B) 25 C) 26 D) 27 E) 28

13. I. $4 \diamond b \Rightarrow 2 + 4^b$
II. $6 \diamond 2 \Rightarrow 39$
III. $8 \diamond 1 \Rightarrow 12$
IV. $2 \diamond 3 \Rightarrow ?$

A) 5 B) 7 C) 9 D) 10 E) 17

14. I. $b \blacksquare 4 \Rightarrow (4b)^2 - 16$
II. $6 \blacksquare 2 \Rightarrow 140$
III. $3 \blacksquare 4 \Rightarrow ?$

A) 94 B) 162 C) 128 D) 150 E) 180

15. I. $a \blacklozenge 4 \Rightarrow \frac{a^3}{4} + 4$
II. $4 \blacklozenge 2 \Rightarrow 18$
III. $2 \blacklozenge 1 \Rightarrow ?$

A) 1 B) 3 C) 6 D) 13 E) 16

16. I. $3 \diamond b \Rightarrow 9 \diamond 2b$
II. $12 \diamond 6 \Rightarrow 36 \diamond 12$
III. $a \diamond 4 \Rightarrow a + 1$
IV. $9 \diamond 8 \Rightarrow 11$
V. $6 \diamond 12 \Rightarrow ?$

A) 18 B) 12 C) 7 D) 13 E) 24

1. I. $6 \times 8 = 7$
II. $11 \times 7 = 9$
III. $3 \times 17 = 10$
IV. $5 \times 13 = ?$
- A) 10 B) 9 C) 7 D) 12 E) 6

5. I. $3 \times 1 = 7$
II. $4 \times 7 = 15$
III. $7 \times 2 = 16$
IV. $13 \times 1 = ?$
- A) 11 B) 17 C) 22 D) 27 E) 31

2. I. $13 \times 8 = 7$
II. $15 \times 9 = 8$
III. $13 \times 2 = 5$
IV. $8 \times 7 = ?$
- A) 6 B) 7 C) 5 D) 4 E) 3

6. I. $3 \times 4 = 11$
II. $1 \times 2 = 5$
III. $7 \times 3 = 13$
IV. $4 \times 5 = ?$
- A) 11 B) 14 C) 15 D) 19 E) 20

3. I. $22 \times 16 = 3$
II. $11 \times 5 = 3$
III. $13 \times 1 = 6$
IV. $15 \times 7 = ?$
- A) 4 B) 5 C) 6 D) 7 E) 8

7. I. $5 \times 2 = 17$
II. $3 \times 4 = 13$
III. $1 \times 7 = 10$
IV. $4 \times 7 = ?$
- A) 14 B) 19 C) 20 D) 16 E) 12

4. I. $15 \times 12 = 1$
II. $17 \times 2 = 5$
III. $25 \times 1 = 8$
IV. $11 \times 5 = ?$
- A) 8 B) 7 C) 4 D) 3 E) 2

8. I. $4 \times 1 = 7$
II. $3 \times 2 = 9$
III. $4 \times 3 = 13$
IV. $11 \times 4 = ?$
- A) 17 B) 21 C) 23 D) 27 E) 31

9. I. $2 \times 3 = 10$
II. $13 \times 1 = 28$
III. $15 \times 4 = 38$
IV. $4 \times 7 = ?$

A) 14 B) 19 C) 20 D) 22 E) 12

13. I. $4 \times 3 = 5$
II. $6 \times 1 = 4$
III. $2 \times 5 = 6$
IV. $4 \times 7 = ?$

A) 8 B) 9 C) 6 D) 11 E) 5

10. I. $3 \times 4 = 21$
II. $7 \times 2 = 27$
III. $6 \times 8 = 42$
IV. $11 \times 4 = ?$

A) 21 B) 24 C) 32 D) 38 E) 45

14. I. $4 \times 9 = 7$
II. $3 \times 6 = 5$
III. $5 \times 12 = 9$
IV. $4 \times 15 = ?$

A) 7 B) 11 C) 9 D) 14 E) 12

11. I. $11 \times 5 = 12$
II. $7 \times 2 = 10$
III. $4 \times 1 = 6$
IV. $5 \times 2 = ?$

A) 4 B) 6 C) 12 D) 9 E) 14

15. I. $12 \times 2 = 2$
II. $21 \times 4 = 3$
III. $18 \times 5 = 1$
IV. $15 \times 5 = ?$

A) 0 B) 2 C) 1 D) 3 E) 4

12. I. $15 \times 11 = 12$
II. $7 \times 2 = 15$
III. $14 \times 5 = 27$
IV. $14 \times 7 = ?$

A) 17 B) 18 C) 21 D) 28 E) 34

16. I. $17 \times 18 = 8$
II. $14 \times 10 = 9$
III. $9 \times 16 = 1$
IV. $7 \times 6 = ?$

A) 3 B) 4 C) 5 D) 11 E) 7

1. I. $3 \diamond 7 = 20$

II. $4 \diamond 2 = 7$

III. $5 \diamond 6 = 29$

IV. $9 \diamond 1 = ?$

- A) 6 B) 8 C) 14 D) 19 E) 21

2. I. $3 \diamond 1 = 6$

II. $7 \diamond 4 = 31$

III. $5 \diamond 6 = 33$

IV. $8 \diamond 11 = ?$

- A) 56 B) 72 C) 87 D) 91 E) 98

3. I. $4 \diamond 7 = 32$

II. $2 \diamond 8 = 18$

III. $3 \diamond 10 = 33$

IV. $5 \diamond 9 = ?$

- A) 32 B) 39 C) 41 D) 58 E) 50

4. I. $7 \diamond 5 = 28$

II. $4 \diamond 9 = 32$

III. $6 \diamond 8 = 42$

IV. $7 \diamond 7 = ?$

- A) 35 B) 42 C) 45 D) 54 E) 57

5. I. $5 \diamond 3 = 18$

II. $7 \diamond 1 = 8$

III. $6 \diamond 4 = 28$

IV. $9 \diamond 11 = ?$

- A) 62 B) 74 C) 89 D) 94 E) 110

6. I. $4 \diamond 1 = 3$

II. $17 \diamond 3 = 48$

III. $5 \diamond 12 = 48$

IV. $9 \diamond 13 = ?$

- A) 52 B) 85 C) 94 D) 104 E) 118

7. I. $4 \diamond 2 = 16$

II. $5 \diamond 7 = 45$

III. $9 \diamond 4 = 54$

IV. $6 \diamond 8 = ?$

- A) 42 B) 60 C) 86 D) 92 E) 102

8. I. $3 \diamond 5 = 24$

II. $3 \diamond 7 = 32$

III. $4 \diamond 1 = 10$

IV. $10 \diamond 9 = ?$

- A) 81 B) 90 C) 100 D) 110 E) 108

9. I. $9 \diamond 3 = 32$
II. $11 \diamond 2 = 30$
III. $4 \diamond 7 = 24$
IV. $8 \diamond 5 = ?$

A) 28 B) 34 C) 36 D) 42 E) 48

10. I. $7 \diamond 9 = 64$
II. $11 \diamond 2 = 12$
III. $5 \diamond 8 = 42$
IV. $3 \diamond 9 = ?$

A) 18 B) 26 C) 32 D) 38 E) 44

11. I. $5 \diamond 11 = 110$
II. $4 \diamond 7 = 56$
III. $9 \diamond 2 = 36$
IV. $3 \diamond 6 = ?$

A) 24 B) 32 C) 36 D) 42 E) 48

12. I. $3 \diamond 7 = 7$
II. $6 \diamond 15 = 30$
III. $12 \diamond 5 = 20$
IV. $18 \diamond 12 = ?$

A) 48 B) 54 C) 63 D) 72 E) 84

13. I. $4 \diamond 2 = 3$
II. $28 \diamond 4 = 8$
III. $51 \diamond 17 = 4$
IV. $42 \diamond 14 = ?$

A) 3 B) 4 C) 6 D) 7 E) 9

14. I. $32 \diamond 8 = 2$
II. $24 \diamond 8 = 1$
III. $36 \diamond 4 = 7$
IV. $56 \diamond 14 = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

15. I. $4 \diamond 4 = 4$
II. $1 \diamond 7 = 10$
III. $3 \diamond 18 = 9$
IV. $8 \diamond 32 = ?$

A) 6 B) 7 C) 9 D) 12 E) 16

16. I. $5 \diamond 15 = 2$
II. $13 \diamond 26 = 1$
III. $17 \diamond 51 = 2$
IV. $2 \diamond 18 = ?$

A) 3 B) 6 C) 8 D) 9 E) 11

TAKTİK GROUP

PUZAYYINLARI

1. I. $3 \otimes 4 = 2$
II. $5 \otimes 9 = 1$
III. $7 \otimes 11 = 3$
IV. $4 \otimes 2 = ?$

A) 5 B) 6 C) 7 D) 8 E) 9

2. I. $7 \otimes 3 = 1$
II. $4 \otimes 1 = 2$
III. $14 \otimes 5 = 4$
IV. $8 \otimes 2 = ?$

A) 4 B) 6 C) 7 D) 8 E) 9

3. I. $7 \otimes 8 = 23$
II. $4 \otimes 5 = 14$
III. $11 \otimes 13 = 37$
IV. $8 \otimes 4 = ?$

A) 8 B) 11 C) 16 D) 20 E) 18

4. I. $2 \otimes 1 = 7$
II. $4 \otimes 3 = 15$
III. $5 \otimes 2 = 17$
IV. $7 \otimes 6 = ?$

A) 11 B) 15 C) 27 D) 32 E) 38

5. I. $4 \otimes 2 = 16$
II. $1 \otimes 5 = 13$
III. $4 \otimes 3 = 18$
IV. $5 \otimes 6 = ?$

A) 22 B) 23 C) 17 D) 27 E) 30

6. I. $15 \otimes 9 = 6$
II. $11 \otimes 5 = 4$
III. $17 \otimes 11 = 7$
IV. $4 \otimes 8 = ?$

A) 1 B) 4 C) 3 D) 7 E) 5

7. I. $7 \otimes 17 = 8$
II. $3 \otimes 15 = 6$
III. $13 \otimes 14 = 9$
IV. $9 \otimes 6 = ?$

A) 7 B) 5 C) 9 D) 11 E) 4

8. I. $11 \otimes 3 = 4$
II. $17 \otimes 5 = 6$
III. $24 \otimes 8 = 8$
IV. $23 \otimes 3 = ?$

A) 10 B) 12 C) 16 D) 11 E) 3

9. I. $3 \otimes 10 = 8$
II. $5 \otimes 4 = 7$
III. $7 \otimes 2 = 8$
IV. $6 \otimes 8 = ?$

A) 15 B) 10 C) 8 D) 9 E) 5

10. I. $9 \otimes 3 = 3$
II. $10 \otimes 6 = 2$
III. $6 \otimes 4 = 1$
IV. $7 \otimes 3 = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

11. I. $9 \otimes 2 = 1$
II. $12 \otimes 1 = 3$
III. $6 \otimes 2 = 0$
IV. $15 \otimes 2 = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

12. I. $7 \otimes 6 = 10$
II. $13 \otimes 8 = 17$
III. $12 \otimes 18 = 21$
IV. $5 \otimes 10 = ?$

A) 9 B) 3 C) 10 D) 8 E) 11

13. I. $15 \otimes 3 = 14$
II. $18 \otimes 9 = 15$
III. $8 \otimes 21 = 1$
IV. $10 \otimes 24 = ?$

A) 2 B) 4 C) 6 D) 8 E) 10

14. I. $6 \otimes 7 = 7$
II. $3 \otimes 2 = 3$
III. $14 \otimes 3 = 9$
IV. $12 \otimes 5 = ?$

A) 6 B) 7 C) 8 D) 5 E) 9

15. I. $10 \otimes 3 = 4$
II. $12 \otimes 6 = 4$
III. $16 \otimes 15 = 3$
IV. $14 \otimes 9 = ?$

A) 2 B) 8 C) 6 D) 5 E) 4

16. I. $6 \otimes 2 = 10$
II. $2 \otimes 4 = 4$
III. $4 \otimes 6 = 18$
IV. $2 \otimes 8 = ?$

A) 1 B) 5 C) 4 D) 8 E) 9

TAKTİK GROUP

1. I. $3 \star 1 = 16$
II. $2 \star 3 = 25$
III. $4 \star 3 = 49$
IV. $15 \star 2 = ?$

A) 81 B) 289 C) 381 D) 169 E) 144

2. I. $17 \star 15 = 4$
II. $12 \star 9 = 9$
III. $11 \star 10 = 1$
IV. $5 \star 3 = ?$

A) 7 B) 4 C) 6 D) 9 E) 3

3. I. $3 \star 2 = 13$
II. $7 \star 1 = 50$
III. $4 \star 5 = 41$
IV. $2 \star 6 = ?$

A) 27 B) 64 C) 40 D) 36 E) 48

4. I. $8 \star 6 = 28$
II. $7 \star 3 = 40$
III. $15 \star 12 = 81$
IV. $11 \star 9 = ?$

A) 36 B) 42 C) 56 D) 81 E) 40

5. I. $3 \star 1 = 20$
II. $4 \star 2 = 40$
III. $1 \star 7 = 100$
IV. $5 \star 6 = ?$

A) 10 B) 50 C) 122 D) 110 E) 90

6. I. $6 \star 1 = 215$
II. $5 \star 2 = 117$
III. $4 \star 3 = 37$
IV. $5 \star 1 = ?$

A) 72 B) 54 C) 63 D) 61 E) 124

7. I. $1 \star 2 = 3$
II. $5 \star 1 = 26$
III. $3 \star 4 = 13$
IV. $7 \star 3 = ?$

A) 49 B) 52 C) 121 D) 78 E) 66

8. I. $7 \star 2 = 45$
II. $7 \star 1 = 47$
III. $6 \star 4 = 28$
IV. $5 \star 3 = ?$

A) 12 B) 24 C) 22 D) 38 E) 19

9. I. $2 \star 4 = 18$
II. $6 \star 8 = 98$
III. $2 \star 6 = 32$
IV. $4 \star 4 = ?$
- A) 32 B) 48 C) 64 D) 92 E) 108

13. I. $2 \star 11 = 26$
II. $3 \star 9 = 27$
III. $7 \star 1 = 51$
IV. $4 \star 5 = ?$
- A) 22 B) 26 C) 35 D) 40 E) 65

10. I. $15 \star 11 = 8$
II. $7 \star 9 = 2$
III. $16 \star 4 = 72$
IV. $8 \star 12 = ?$
- A) 8 B) 12 C) 16 D) 24 E) 36

14. I. $13 \star 7 = 75$
II. $4 \star 11 = 129$
III. $9 \star 6 = 54$
IV. $8 \star 5 = ?$
- A) 38 B) 43 C) 41 D) 76 E) 112

11. I. $3 \star 7 = 29$
II. $4 \star 8 = 40$
III. $4 \star 9 = 46$
IV. $5 \star 11 = ?$
- A) 45 B) 67 C) 73 D) 81 E) 96

15. I. $6 \star 7 = 52$
II. $2 \star 5 = 26$
III. $6 \star 6 = 39$
IV. $8 \star 1 = ?$
- A) 16 B) 5 C) 28 D) 42 E) 7

12. I. $5 \otimes 1 = 12$
II. $6 \otimes 4 = 10$
III. $8 \otimes 2 = 30$
IV. $15 \otimes 11 = ?$
- A) 18 B) 21 C) 37 D) 52 E) 73

16. I. $1 \star 2 = 18$
II. $5 \star 1 = 72$
III. $3 \star 4 = 98$
IV. $7 \star 3 = ?$
- A) 114 B) 183 C) 200 D) 212 E) 216

1. I. $1 \div 4 = 3$
II. $2 \div 16 = 6$
III. $4 \div 9 = 7$
IV. $5 \div 25 = ?$

A) 4 B) 10 C) 6 D) 8 E) 6

2. I. $9 \div 4 = 1$
II. $16 \div 4 = 2$
III. $121 \div 64 = 3$
IV. $169 \div 25 = ?$

A) 7 B) 8 C) 9 D) 10 E) 11

3. I. $3 \div 1 = 3$
II. $2 \div 9 = 6$
III. $5 \div 4 = 10$
IV. $7 \div 16 = ?$

A) 14 B) 18 C) 26 D) 28 E) 36

4. I. $1 \div 7 = 7$
II. $9 \div 8 = 24$
III. $4 \div 3 = 6$
IV. $25 \div 7 = ?$

A) 16 B) 25 C) 35 D) 42 E) 66

5. I. $9 \div 4 = 6$
II. $12 \div 3 = 6$
III. $16 \div 1 = 4$
IV. $27 \div 3 = ?$

A) 9 B) 18 C) 27 D) 36 E) 12

6. I. $2 \div 18 = 3$
II. $4 \div 9 = 3$
III. $16 \div 4 = 4$
IV. $12 \div 3 = ?$

A) 2 B) 3 C) 4 D) 5 E) 6

7. I. $3 \div 4 = 2$
II. $9 \div 3 = 3$
III. $9 \div 12 = 6$
IV. $3 \div 16 = ?$

A) 2 B) 4 C) 6 D) 9 E) 12

8. I. $1 \div 4 = 4$
II. $3 \div 9 = 12$
III. $4 \div 4 = 10$
IV. $2 \div 16 = ?$

A) 7 B) 12 C) 8 D) 6 E) 10

9. I. $16 \div 13 = 17$
II. $9 \div 7 = 10$
III. $1 \div 5 = 6$
IV. $36 \div 42 = ?$

A) 39 B) 48 C) 54 D) 68 E) 72

10. I. $6 \div 4 = 5$
II. $8 \div 1 = 5$
III. $16 \div 16 = 12$
IV. $44 \div 25 = ?$

A) 15 B) 24 C) 18 D) 27 E) 35

11. I. $4 \div 9 = 15$
II. $1 \div 4 = 5$
III. $12 \div 16 = 40$
IV. $7 \div 1 = ?$

A) 19 B) 21 C) 28 D) 34 E) 22

12. I. $9 \div 7 = 13$
II. $4 \div 3 = 7$
III. $1 \div 8 = 10$
IV. $25 \div 29 = ?$

A) 24 B) 27 C) 36 D) 39 E) 43

13. I. $108 \div 27 = 2$
II. $18 \div 2 = 3$
III. $45 \div 5 = 3$
IV. $48 \div 3 = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

14. I. $4 \div 1 = 2$
II. $9 \div 3 = 1$
III. $16 \div 2 = 2$
IV. $81 \div 3 = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

15. I. $3 \div 9 = 1$
II. $12 \div 4 = 6$
III. $18 \div 4 = 9$
IV. $39 \div 169 = ?$

A) 1 B) 2 C) 3 D) 5 E) 7

16. I. $3 \div 12 = 7$
II. $27 \div 3 = 10$
III. $5 \div 125 = 26$
IV. $4 \div 16 = ?$

A) 7 B) 13 C) 17 D) 15 E) 9

TAKTİK GROUP

1. I. $41 * 54 = 14$
II. $13 * 18 = 13$
III. $17 * 25 = 15$
IV. $24 * 19 = ?$

A) 11 B) 16 C) 17 D) 19 E) 21

2. I. $58 * 73 = 3$
II. $32 * 11 = 3$
III. $49 * 12 = 10$
IV. $38 * 21 = ?$

A) 4 B) 8 C) 12 D) 17 E) 22

3. I. $94 * 37 = 9$
II. $81 * 15 = 11$
III. $62 * 33 = 4$
IV. $42 * 34 = ?$

A) 3 B) 5 C) 9 D) 13 E) 19

4. I. $17 * 35 = 22$
II. $42 * 12 = 10$
III. $17 * 34 = 19$
IV. $15 * 19 = ?$

A) 12 B) 9 C) 14 D) 17 E) 21

5. I. $93 * 84 = 6$
II. $21 * 63 = 4$
III. $42 * 51 = 10$
IV. $82 * 33 = ?$

A) 4 B) 7 C) 6 D) 9 E) 11

6. I. $14 * 23 = 10$
II. $24 * 18 = 16$
III. $17 * 25 = 17$
IV. $16 * 32 = ?$

A) 9 B) 18 C) 24 D) 12 E) 48

7. I. $89 * 91 = 63$
II. $45 * 32 = 14$
III. $39 * 26 = 15$
IV. $36 * 18 = ?$

A) 72 B) 43 C) 34 D) 28 E) 10

8. I. $27 * 35 = 72$
II. $12 * 15 = 18$
III. $41 * 39 = 60$
IV. $24 * 18 = ?$

A) 46 B) 48 C) 54 D) 60 E) 73

9. I. $19 * 32 = 8$
II. $25 * 41 = 9$
III. $17 * 20 = 12$
IV. $29 * 30 = ?$

A) 12 B) 17 C) 25 D) 21 E) 26

10. I. $23 * 12 = 4$
II. $47 * 41 = 24$
III. $35 * 32 = 9$
IV. $18 * 22 = ?$

A) 4 B) 12 C) 18 D) 32 E) 35

11. I. $14 * 21 = 7$
II. $22 * 18 = 12$
III. $31 * 15 = 9$
IV. $39 * 32 = ?$

A) 15 B) 17 C) 22 D) 18 E) 26

12. I. $49 * 38 = 12$
II. $57 * 68 = 13$
III. $29 * 34 = 9$
IV. $39 * 40 = ?$

A) 4 B) 1 C) 6 D) 7 E) 8

13. I. $14 * 18 = 21$
II. $26 * 35 = 8$
III. $18 * 16 = 35$
IV. $24 * 19 = ?$

A) 9 B) 12 C) 16 D) 26 E) 34

14. I. $21 * 17 = 14$
II. $32 * 41 = 24$
III. $15 * 18 = 40$
IV. $25 * 35 = ?$

A) 28 B) 54 C) 82 D) 150 E) 154

15. I. $213 * 427 = 78$
II. $172 * 289 = 190$
III. $115 * 108 = 63$
IV. $243 * 232 = ?$

A) 63 B) 72 C) 84 D) 96 E) 102

16. I. $725 * 486 = 785$
II. $419 * 107 = 409$
III. $562 * 758 = 552$
IV. $297 * 197 = ?$

A) 299 B) 297 C) 197 D) 199 E) 217

1. I. $(8 \diamond 2) \blacksquare 7 = 28$
II. $(9 \blacksquare 2) \diamond 6 = 3$
III. $(16 \diamond 4) \blacksquare 5 = 20$
IV. $(3 \blacksquare 12) \diamond 6 = ?$

A) 4 B) 6 C) 12 D) 24 E) 48

2. I. $(48 \diamond 12) \div 3 = 12$
II. $(25 \div 3) \diamond 15 = 5$
III. $(24 \diamond 8) \div 6 = 18$
IV. $(18 \div 12) \diamond 9 = ?$

A) 6 B) 10 C) 14 D) 18 E) 24

3. I. $(4 \blacktriangle 3) \bullet 2 = 14$
II. $(5 \bullet 3) \blacktriangle 4 = 19$
III. $(7 \bullet 4) \blacktriangle 6 = 34$
IV. $(7 \blacktriangle 2) \bullet 2 = ?$

A) 6 B) 10 C) 14 D) 18 E) 24

4. I. $(9 \square 7) \bullet 7 = 14$
II. $(2 \bullet 6) \square 3 = 9$
III. $(15 \bullet 7) \square 5 = 100$
IV. $(19 \square 13) \bullet 6 = ?$

A) 26 B) 30 C) 36 D) 42 E) 48

5. I. $(4 \blacktriangle 1) \bullet 2 = 10$
II. $(3 \blacktriangle 2) \bullet 3 = 15$
III. $(3 \blacktriangle 1) \bullet 4 = 16$
IV. $(5 \blacktriangle 4) \bullet 2 = ?$

A) 10 B) 18 C) 20 D) 24 E) 30

6. I. $(5 \bullet 3) \blacktriangle (4 \bullet 2) = 23$
II. $(7 \blacktriangle 1) \bullet (3 \blacktriangle 2) = 40$
III. $(9 \bullet 2) \blacktriangle (7 \bullet 2) = 32$
IV. $(8 \blacktriangle 0) \bullet (12 \blacktriangle 5) = ?$

A) 11 B) 23 C) 72 D) 120 E) 136

7. I. $(8 \diamond 4) \star (12 \diamond 7) = 20$
II. $(5 \star 7) \diamond (3 \star 7) = 14$
III. $(17 \diamond 9) \star (11 \diamond 6) = 40$
IV. $(14 \star 2) \diamond (8 \star 3) = ?$

A) 20 B) 14 C) 12 D) 8 E) 4

8. I. $(20 \blacksquare 5) \circ (32 \blacksquare 4) = 12$
II. $(22 \circ 8) \blacksquare (3 \circ 2) = 6$
III. $(32 \blacksquare 16) \circ (12 \blacksquare 3) = 6$
IV. $(15 \circ 5) \blacksquare (3 \circ 1) = ?$

A) 2 B) 4 C) 5 D) 7 E) 8

9. I. $(27 \clubsuit 13) \blacktriangledown (12 \clubsuit 5) = 2$
II. $(60 \blacktriangledown 5) \clubsuit (48 \blacktriangledown 8) = 6$
III. $(39 \clubsuit 3) \blacktriangledown (27 \clubsuit 9) = 2$
IV. $(40 \blacktriangledown 8) \clubsuit (28 \blacktriangledown 14) = ?$
A) 3 B) 4 C) 8 D) 12 E) 16

10. I. $(18 \heartsuit 6) \blacktriangle 3 = 8$
II. $(27 \blacktriangle 3) \heartsuit 8 = 17$
III. $(18 \heartsuit 3) \blacktriangle (4 \heartsuit 3) = ?$
A) 3 B) 23 C) 72 D) 120 E) 136

11. I. $(6 \boxtimes 2) \clubsuit 5 = 7$
II. $(27 \clubsuit 14) \boxtimes 3 = 39$
III. $(8 \boxtimes 7) \clubsuit (2 \boxtimes 5) = ?$
A) 38 B) 40 C) 46 D) 50 E) 56

12. I. $(8 \blacktriangle 4) \heartsuit (5 \blacksquare 3) = 24$
II. $(4 \blacksquare 6) \blacktriangle (5 \heartsuit 3) = 20$
III. $(7 \heartsuit 3) \blacktriangle (9 \heartsuit 4) = 20$
IV. $(9 \blacksquare 1) \blacktriangle (5 \heartsuit 1) = ?$
A) 18 B) 24 C) 32 D) 36 E) 40

13. I. $(36 \clubsuit 4) \blacktriangledown (27 \clubsuit 9) = 27$
II. $(12 \blacktriangledown 4) \clubsuit (8 \blacktriangledown 3) = 2$
III. $(42 \clubsuit 7) \blacktriangledown (44 \clubsuit 11) = ?$
A) 24 B) 16 C) 13 D) 10 E) 7

14. I. $(6 \square 3) \blacktriangle 2 = 9$
II. $(15 \blacktriangle 5) \heartsuit 2 = 5$
III. $(7 \heartsuit 3) \square 5 = 50$
IV. $(5 \square 2) \heartsuit (6 \blacktriangle 3) = ?$
A) 60 B) 45 C) 30 D) 15 E) 12

15. I. $(8 \heartsuit 4) \blacktriangle 3 = 4$
II. $(6 \blacktriangle 2) \blacksquare 4 = 12$
III. $(5 \blacksquare 3) \heartsuit 2 = 17$
IV. $(6 \heartsuit 2) \blacktriangle (3 \heartsuit 1) = ?$
A) 1 B) 2 C) 3 D) 4 E) 5

16. I. $(6 \heartsuit 3) \square (5 \heartsuit 1) = 54$
II. $(2 \square 3) \blacktriangle (4 \square 1) = 2$
III. $(7 \blacktriangle 1) \heartsuit (6 \blacktriangle 3) = 9$
IV. $(6 \square 8) \blacktriangle (5 \heartsuit 1) = ?$
A) 42 B) 40 C) 38 D) 36 E) 30

TAKTİK GROUP

1. I. $5 \blacksquare 3 = 13$
II. $6 \blacksquare 5 = 17$
III. $3 \blacksquare 1 = 7$
IV. $4 \blacksquare 2 = ?$

A) 10 B) 16 C) 8 D) 18 E) 20

2. I. $2 \blacksquare 6 = 6$
II. $5 \blacksquare 2 = 5$
III. $10 \blacksquare 4 = 20$
IV. $7 \blacksquare 6 = ?$

A) 7 B) 10 C) 18 D) 14 E) 21

3. I. $2 \blacksquare 4 = 16$
II. $3 \blacksquare 3 = 27$
III. $5 \blacksquare 2 = 25$
IV. $5 \blacksquare 3 = ?$

A) 5 B) 15 C) 20 D) 25 E) 125

4. I. $7 \blacksquare 3 = 8$
II. $16 \blacksquare 10 = 12$
III. $11 \blacksquare 7 = 8$
IV. $18 \blacksquare 11 = ?$

A) 14 B) 20 C) 8 D) 12 E) 16

5. I. $7 \blacksquare 3 = 40$
II. $8 \blacksquare 5 = 39$
III. $9 \blacksquare 5 = 56$
IV. $5 \blacksquare 4 = ?$

A) 16 B) 8 C) 13 D) 6 E) 9

6. I. $41 \blacksquare 52 = 9$
II. $62 \blacksquare 31 = 8$
III. $83 \blacksquare 62 = 20$
IV. $94 \blacksquare 71 = ?$

A) 12 B) 20 C) 24 D) 30 E) 42

7. I. $36 \blacktriangle 52 = 8$
II. $73 \blacktriangle 81 = 13$
III. $89 \blacktriangle 64 = 48$
IV. $68 \blacktriangle 52 = ?$

A) 9 B) 7 C) 12 D) 24 E) 38

8. I. $2 \blacktriangle 7 = 18$
II. $5 \blacktriangle 3 = 16$
III. $8 \blacktriangle 2 = 20$
IV. $5 \blacktriangle 6 = ?$

A) 8 B) 30 C) 15 D) 20 E) 22

9. I. $16 \blacktriangle 2 = 16$
II. $9 \blacktriangle 2 = 12$
III. $25 \blacktriangle 3 = 45$
IV. $4 \blacktriangle 3 = ?$

A) 8 B) 12 C) 16 D) 18 E) 20

10. I. $2 \blacktriangle 5 = 14$
II. $1 \blacktriangle 3 = 8$
III. $2 \blacktriangle 6 = 16$
IV. $1 \blacktriangle 5 = ?$

A) 2 B) 8 C) 10 D) 12 E) 16

11. I. $4 \blacklozenge 2 = 12$
II. $6 \blacklozenge 3 = 24$
III. $4 \blacklozenge 4 = 20$
IV. $5 \blacklozenge 4 = ?$

A) 9 B) 12 C) 18 D) 20 E) 25

12. I. $5 \blacklozenge 2 = 12$
II. $6 \blacklozenge 4 = 25$
III. $5 \blacklozenge 6 = 28$
IV. $4 \blacklozenge 2 = ?$

A) 6 B) 9 C) 10 D) 12 E) 16

13. I. $10 \blacklozenge 2 = 9$
II. $12 \blacklozenge 3 = 12$
III. $8 \blacklozenge 2 = 8$
IV. $4 \blacklozenge 4 = ?$

A) 10 B) 12 C) 8 D) 4 E) 16

14. I. $12 \blacklozenge 13 = 5$
II. $25 \blacklozenge 11 = 6$
III. $15 \blacklozenge 1 = 4$
IV. $4 \blacklozenge 5 = ?$

A) 2 B) 3 C) 5 D) 6 E) 7

15. I. $4 \blackstar 3 = 9$
II. $2 \blackstar 6 = 6$
III. $7 \blackstar 9 = 17$
IV. $8 \blackstar 12 = ?$

A) 20 B) 22 C) 24 D) 26 E) 28

16. I. $4 \blackstar 3 = 21$
II. $6 \blackstar 2 = 24$
III. $10 \blackstar 2 = 36$
IV. $6 \blackstar 5 = ?$

A) 11 B) 14 C) 33 D) 42 E) 15

TAKTİK GROUP

PUZAYINLARI

1. I. $(4 \diamond 2) \diamond 1 = 1$
II. $(5 \diamond 2) \diamond 3 = 0$
III. $(8 \diamond 3) \diamond 2 = 3$
IV. $(6 \diamond 4) \diamond 2 = ?$

A) 0 B) 4 C) 6 D) 8 E) 10

2. I. $(3 \odot 1) \odot 2 = 6$
II. $(4 \odot 2) \odot 1 = 8$
III. $(1 \odot 3) \odot 4 = 12$
IV. $(2 \odot 2) \odot 3 = ?$

A) 6 B) 10 C) 12 D) 16 E) 18

3. I. $(3 \blacksquare 1) \blacksquare 1 = 18$
II. $(2 \blacksquare 3) \blacksquare 1 = 22$
III. $(3 \blacksquare 3) \blacksquare 2 = 28$
IV. $(4 \blacksquare 2) \blacksquare 3 = ?$

A) 14 B) 18 C) 20 D) 30 E) 38

4. I. $(6 \diamond 2) \diamond 2 = 12$
II. $(5 \diamond 3) \diamond 4 = 0$
III. $(7 \diamond 5) \diamond 2 = 4$
IV. $(13 \diamond 5) \diamond 1 = ?$

A) 10 B) 16 C) 18 D) 20 E) 30

5. I. $(8 \blacklozenge 4) \blacklozenge 2 = 4$
II. $(4 \blacklozenge 6) \blacklozenge 1 = 3$
III. $(6 \blacklozenge 2) \blacklozenge 4 = 4$
IV. $(4 \blacklozenge 2) \blacklozenge 5 = ?$

A) 2 B) 4 C) 6 D) 8 E) 10

6. I. $(7 \bullet 5) \bullet 1 = 9$
II. $(6 \bullet 3) \bullet 2 = 49$
III. $(5 \bullet 1) \bullet 3 = 169$
IV. $(6 \bullet 4) \bullet 1 = ?$

A) 4 B) 9 C) 16 D) 25 E) 36

7. I. $(9 \circ 1) \circ 1 = 3$
II. $(16 \circ 5) \circ 2 = 5$
III. $(81 \circ 7) \circ 2 = 6$
IV. $(4 \circ 14) \circ 1 = ?$

A) 2 B) 3 C) 4 D) 5 E) 6

8. I. $(3 \odot 2) \odot 3 = 5$
II. $(4 \odot 2) \odot 1 = 11$
III. $(3 \odot 1) \odot 2 = 8$
IV. $(2 \odot 1) \odot 1 = ?$

A) 3 B) 8 C) 5 D) 24 E) 63

9. I. $(8 * 2) * 3 = 0$
II. $(16 * 4) * 4 = 1$
III. $(9 * 1) * 6 = -1$
IV. $(10 * 2) * 14 = ?$

A) -3 B) 8 C) -5 D) -7 E) 12

10. I. $(4 \div 3) \div 2 = 1$
II. $(5 \div 2) \div 4 = 25$
III. $(7 \div 6) \div 5 = 16$
IV. $(8 \div 5) \div 2 = ?$

A) 81 B) 64 C) 16 D) 25 E) 49

11. I. $6 \odot (5 \odot 3) = 4$
II. $7 \odot (7 \odot 1) = 1$
III. $8 \odot (6 \odot 2) = 4$
IV. $7 \odot (7 \odot 3) = ?$

A) 2 B) 3 C) 5 D) 6 E) 7

12. I. $(4 * 2) * 2 = 256$
II. $(1 * 3) * 5 = 1$
III. $(2 * 3) * 2 = 64$
IV. $(6 * 1) * 2 = ?$

A) 16 B) 36 C) 49 D) 64 E) 121

13. I. $(25 \diamond 2) \diamond 2 = 17$
II. $(16 \diamond 3) \diamond 4 = 2$
III. $(22 \diamond 4) \diamond 3 = 8$
IV. $(18 \diamond 3) \diamond 5 = ?$

A) 2 B) 3 C) 4 D) 7 E) 9

14. I. $(6 \square 2) \square 1 = 12$
II. $(5 \square 3) \square 2 = 15$
III. $(3 \square 3) \square 4 = 17$
IV. $(4 \square 2) \square 3 = ?$

A) 4 B) 8 C) 9 D) 11 E) 14

15. I. $(2 \blacktriangleright 1) \blacktriangleright 2 = 27$
II. $(3 \blacktriangleright 2) \blacktriangleright 1 = 122$
III. $(2 \blacktriangleright 2) \blacktriangleright 2 = 38$
IV. $(3 \blacktriangleright 1) \blacktriangleright 3 = ?$

A) 156 B) 203 C) 108 D) 72 E) 103

16. I. $(6 \blacksquare 2) \blacksquare 10 = 36$
II. $(5 \blacksquare 3) \blacksquare 2 = 4$
III. $(7 \blacksquare 3) \blacksquare 1 = 225$
IV. $(8 \blacksquare 2) \blacksquare 29 = ?$

A) 16 B) 36 C) 49 D) 64 E) 100

TAKTIK GROUP

1. I. $3 \blacktriangle 5 \bullet 2 \blacksquare 2 = 15$
II. $6 \bullet 3 \blacktriangle 2 \blacksquare 1 = 1$
III. $5 \blacksquare 2 \bullet 1 \blacktriangle 3 = 4$
IV. $3 \bullet 5 \blacksquare 2 \blacktriangle 2 = ?$

A) 2 B) 7 C) 9 D) 10 E) 15

2. I. $6 \blacksquare 3 \blacktriangle 2 \bullet 1 = 11$
II. $2 \blacktriangle 2 \bullet 3 \blacksquare 5 = 6$
III. $5 \bullet 2 \blacksquare 4 \blacktriangle 3 = 15$
IV. $6 \blacksquare 2 \bullet 3 \blacktriangle 1 = ?$

A) 4 B) 5 C) 7 D) 10 E) 12

3. I. $5 \blacktriangle 3 \blacktriangle 2 \blacksquare 4 = 16$
II. $3 \blacksquare 5 \bullet 6 \bullet 2 = 7$
III. $6 \blacktriangle 7 \bullet 2 \bullet 1 = 10$
IV. $5 \blacktriangle 8 \blacksquare 1 \bullet 2 = ?$

A) 5 B) 8 C) 11 D) 13 E) 16

4. I. $6 \bullet 2 \blacktriangle 3 \blacksquare 5 = 1$
II. $5 \bullet 1 \blacktriangle 2 \blacksquare 3 = 4$
III. $6 \blacktriangle 2 \bullet 2 \blacksquare 1 = 6$
IV. $8 \blacktriangle 6 \bullet 3 \blacksquare 1 = ?$

A) 4 B) 6 C) 5 D) 7 E) 9

5. I. $3 \blacktriangle (6 \bullet 2) \blacksquare 2 = 22$
II. $(5 \blacksquare 1) \bullet 2 \blacktriangle 3 = 10$
III. $4 \bullet 3 \blacktriangle (6 \blacksquare 2) = 16$
IV. $(3 \blacksquare 2) \blacktriangle (5 \bullet 1) = ?$

A) 6 B) 8 C) 10 D) 12 E) 16

6. I. $(8 \blacktriangle 1) \blacksquare 2 \blacktriangle 3 = 21$
II. $(6 \bullet 2) \blacksquare 3 \blacktriangle 1 = 13$
III. $(5 \bullet 2) \blacksquare 3 \bullet 3 = 6$
IV. $(5 \bullet 2) \blacksquare 2 \bullet 3 = ?$

A) 21 B) 16 C) 12 D) 11 E) 3

7. I. $6 \blacktriangle (2 \blacksquare 3) \bullet 1 = 1$
II. $2 \blacksquare (4 \blacktriangle 2) \bullet 3 = 8$
III. $(3 \bullet 4) \blacksquare 2 \blacktriangle 5 = 9$
IV. $(2 \bullet 3) \blacksquare 1 \blacktriangle 3 = ?$

A) 2 B) 4 C) 5 D) 6 E) 8

8. I. $6 \bullet 2 \star 2 \blacksquare 1 = 11$
II. $3 \star 1 \bullet 3 \blacksquare 4 = 4$
III. $3 \blacksquare 2 \bullet 3 \star 5 = 4$
IV. $2 \blacksquare 5 \bullet 1 \star 1 = ?$

A) 2 B) 6 C) 8 D) 10 E) 12

9. I. $(6 \blacksquare 2 \blacktriangle 3) * 3 = 5$
II. $(4 * 4 \blacktriangle 4) \blacksquare 2 = 10$
III. $(6 * 3) \blacktriangle (6 \blacksquare 3) = 20$
IV. $(10 * 2) \blacktriangle (10 \blacksquare 2) = ?$

A) 25 B) 22 C) 20 D) 17 E) 15

10. I. $5 \blacktriangle 5 \bullet 5 * 5 = 26$
II. $4 \bullet 4 \blacksquare 4 * 4 = 7$
III. $6 * 6 \bullet 6 \blacktriangle 6 = 37$
IV. $3 \blacktriangle 3 \blacksquare 3 * 3 = ?$

A) 8 B) 10 C) 12 D) 16 E) 25

11. I. $6 \blacksquare 2 \blacktriangle 1 * 3 = 10$
II. $5 * 3 \blacksquare 3 \blacktriangle 7 = 3$
III. $6 \blacktriangle 7 * 2 \blacksquare 1 = 11$
IV. $6 * 2 \blacksquare 2 \blacktriangle 8 = ?$

A) 6 B) 8 C) 9 D) 10 E) 11

12. I. $15 \blacktriangle 5 \blacksquare 3 \square 2 = 4$
II. $6 \square 6 \blacktriangle 2 \blacksquare 2 = 5$
III. $8 \blacktriangle 2 \square 3 \blacksquare 5 = 6$
IV. $5 \blacksquare 5 \blacktriangle 1 \square 2 = ?$

A) 0 B) 1 C) 4 D) 6 E) 8

13. I. $66 \blacktriangle 6 \bullet 6 \blacksquare 1 = 5$
II. $55 \blacktriangle 5 \bullet 5 \blacksquare 1 = 6$
III. $77 \blacktriangle 7 \bullet 7 \blacksquare 1 = 4$
IV. $44 \blacktriangle 4 \bullet 4 \blacksquare 1 = ?$

A) 2 B) 3 C) 4 D) 7 E) 9

14. I. $3 \bullet 5 \square 2 * 1 = 13$
II. $6 * 3 \square 2 \bullet 3 = -4$
III. $8 \bullet 2 \square 10 * 2 = 11$
IV. $20 * 4 \square 2 \bullet 4 = ?$

A) 1 B) 5 C) 3 D) 8 E) -3

15. I. $(6 \blacksquare 3) \blacktriangle 2 \oplus 6 = 12$
II. $(8 \oplus 4) \blacktriangle 3 \blacksquare 2 = 34$
III. $(8 \blacksquare 5) \blacktriangle 1 \oplus 3 = 6$
IV. $(6 \oplus 3) \blacktriangle 2 \blacksquare 4 = ?$

A) 0 B) 2 C) 6 D) 10 E) 14

16. I. $(8 \blacktriangle 6) \bullet 2 * 4 = 3$
II. $(5 * 3) \blacktriangle 6 \bullet 2 = 5$
III. $(10 \blacktriangle 2) \bullet 4 * 2 = 1$
IV. $(10 * 3) \blacktriangle 8 \bullet 2 = ?$

A) 7 B) 8 C) 9 D) 10 E) 11

TAKTİK GROUP

1. I. $7 \blacklozenge 5 = 6$
II. $8 \blacklozenge 4 = 6$
III. $4 \blacklozenge 6 = 5$
IV. $9 \blacklozenge 11 = ?$

A) 5 B) 7 C) 10 D) 12 E) 20

2. I. $9 \blacklozenge 6 = 30$
II. $8 \blacklozenge 3 = 22$
III. $7 \blacklozenge 1 = 16$
IV. $9 \blacklozenge 4 = ?$

A) 13 B) 15 C) 22 D) 26 E) 32

3. I. $7 \blacklozenge 4 = 33$
II. $8 \blacklozenge 4 = 36$
III. $7 \blacklozenge 6 = 39$
IV. $9 \blacklozenge 1 = ?$

A) 11 B) 15 C) 24 D) 30 E) 36

4. I. $1 \blacklozenge 2 = 9$
II. $2 \blacklozenge 4 = 36$
III. $4 \blacklozenge 5 = 81$
IV. $5 \blacklozenge 7 = ?$

A) 49 B) 164 C) 100 D) 121 E) 144

5. I. $2 \blacklozenge 1 = 5$
II. $4 \blacklozenge 1 = 17$
III. $5 \blacklozenge 2 = 29$
IV. $7 \blacklozenge 2 = ?$

A) 29 B) 37 C) 51 D) 53 E) 65

6. I. $9 \blacklozenge 5 = 56$
II. $8 \blacklozenge 4 = 48$
III. $7 \blacklozenge 3 = 40$
IV. $6 \blacklozenge 2 = ?$

A) 21 B) 29 C) 32 D) 40 E) 61

7. I. $17 \blacklozenge 13 = 16$
II. $21 \blacklozenge 15 = 36$
III. $7 \blacklozenge 2 = 25$
IV. $6 \blacklozenge 4 = ?$

A) 100 B) 81 C) 49 D) 25 E) 4

8. I. $1 \blacklozenge 2 = 27$
II. $2 \blacklozenge 3 = 125$
III. $4 \blacklozenge 0 = 64$
IV. $5 \blacklozenge 1 = ?$

A) 81 B) 100 C) 121 D) 216 E) 625

9. I. $21 \blacklozenge 18 = 9$
II. $17 \blacklozenge 11 = 36$
III. $13 \blacklozenge 5 = 64$
IV. $11 \blacklozenge 1 = ?$

A) 49 B) 81 C) 100 D) 121 E) 144

13. I. $14 \blacklozenge 5 = 81$
II. $13 \blacklozenge 8 = 25$
III. $24 \blacklozenge 21 = 9$
IV. $35 \blacklozenge 30 = ?$

A) 49 B) 81 C) 25 D) 121 E) 144

10. I. $10 \blacklozenge 8 = 36$
II. $9 \blacklozenge 5 = 56$
III. $7 \blacklozenge 4 = 33$
IV. $11 \blacklozenge 1 = ?$

A) 54 B) 81 C) 99 D) 120 E) 145

14. I. $14 \blacklozenge 5 = 95$
II. $10 \blacklozenge 4 = 70$
III. $8 \blacklozenge 3 = 55$
IV. $7 \blacklozenge 14 = ?$

A) 60 B) 85 C) 90 D) 105 E) 115

11. I. $2 \blacklozenge 8 = 68$
II. $4 \blacklozenge 5 = 41$
III. $7 \blacklozenge 9 = 130$
IV. $11 \blacklozenge 6 = ?$

A) 84 B) 131 C) 157 D) 165 E) 245

15. I. $27 \blacklozenge 19 = 92$
II. $15 \blacklozenge 30 = 90$
III. $21 \blacklozenge 5 = 52$
IV. $19 \blacklozenge 15 = ?$

A) 36 B) 48 C) 54 D) 68 E) 92

12. I. $12 \blacklozenge 10 = 8$
II. $13 \blacklozenge 9 = 64$
III. $14 \blacklozenge 8 = 216$
IV. $15 \blacklozenge 7 = ?$

A) 354 B) 481 C) 499 D) 512 E) 645

16. I. $46 \blacklozenge 34 = 16$
II. $28 \blacklozenge 22 = 10$
III. $14 \blacklozenge 21 = 7$
IV. $56 \blacklozenge 39 = ?$

A) 9 B) 14 C) 19 D) 21 E) 25

TAKTİK GROUP

1. I. $10 \star 5 = 25$
II. $14 \star 9 = 37$
III. $6 \star 4 = 16$
IV. $5 \star 2 = ?$

A) 8 B) 10 C) 12 D) 16 E) 18

2. I. $7 \star 3 = 13$
II. $12 \star 4 = 20$
III. $5 \star 8 = 21$
IV. $11 \star 3 = ?$

A) 13 B) 14 C) 15 D) 16 E) 17

3. I. $9 \star 4 = 14$
II. $12 \star 8 = 16$
III. $15 \star 7 = 23$
IV. $6 \star 2 = ?$

A) 10 B) 14 C) 16 D) 18 E) 20

4. I. $3 \star 8 = 13$
II. $4 \star 6 = 15$
III. $7 \star 10 = 26$
IV. $15 \star 2 = ?$

A) 19 B) 34 C) 18 D) 46 E) 24

5. I. $30 \star 4 = 19$
II. $48 \star 2 = 26$
III. $10 \star 7 = 12$
IV. $26 \star 6 = ?$

A) 11 B) 14 C) 19 D) 24 E) 27

6. I. $4 \star 6 = 7$
II. $5 \star 12 = 14$
III. $12 \star 8 = 17$
IV. $7 \star 18 = ?$

A) 30 B) 23 C) 22 D) 13 E) 9

7. I. $3 \star 4 = 13$
II. $5 \star 7 = 22$
III. $8 \star 3 = 27$
IV. $11 \star 1 = ?$

A) 34 B) 30 C) 28 D) 33 E) 40

8. I. $3 \star 4 = 15$
II. $4 \star 3 = 13$
III. $9 \star 5 = 24$
IV. $6 \star 9 = ?$

A) 22 B) 27 C) 33 D) 36 E) 43

9. I. $16 \star 8 = 32$
II. $25 \star 4 = 20$
III. $36 \star 3 = 18$
IV. $81 \star 2 = ?$

A) 13 B) 18 C) 27 D) 38 E) 112

13. I. $2 \star 5 = 13$
II. $4 \star 7 = 71$
III. $3 \star 13 = 40$
IV. $5 \star 10 = ?$

A) 17 B) 52 C) 103 D) 135 E) 327

10. I. $3 \star 25 = 15$
II. $4 \star 16 = 16$
III. $7 \star 36 = 42$
IV. $2 \star 64 = ?$

A) 16 B) 24 C) 39 D) 44 E) 57

14. I. $11 \star 8 = 9$
II. $18 \star 512 = 10$
III. $17 \star 125 = 12$
IV. $9 \star 64 = ?$

A) 5 B) 6 C) 7 D) 8 E) 10

11. I. $16 \star 9 = 12$
II. $25 \star 49 = 35$
III. $81 \star 4 = 18$
IV. $121 \star 25 = ?$

A) 40 B) 47 C) 55 D) 64 E) 77

15. I. $10 \star 1 = 6$
II. $24 \star 3 = 15$
III. $16 \star 5 = 13$
IV. $10 \star 7 = ?$

A) 21 B) 48 C) 37 D) 18 E) 12

12. I. $144 \star 36 = 6$
II. $81 \star 25 = 4$
III. $49 \star 4 = 5$
IV. $100 \star 64 = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

16. I. $3 \star 6 = 6$
II. $5 \star 16 = 17$
III. $10 \star 132 = 34$
IV. $11 \star 50 = ?$

A) 13 B) 38 C) 69 D) 96 E) 117

TAKTİK GROUP

1. I. $3 \square 5 = 16$
II. $4 \square 6 = 20$
III. $2 \square 7 = 18$
IV. $5 \square 12 = ?$

A) 34 B) 12 C) 14 D) 20 E) 24

2. I. $7 \square 2 = 16$
II. $3 \square 5 = 11$
III. $4 \square 17 = 25$
IV. $6 \square 2 = ?$

A) 10 B) 12 C) 14 D) 18 E) 20

3. I. $5 \square 2 = 29$
II. $3 \square 1 = 10$
III. $4 \square 3 = 25$
IV. $3 \square 5 = ?$

A) 16 B) 20 C) 25 D) 34 E) 36

4. I. $8 \square 3 = 1$
II. $16 \square 5 = 3$
III. $10 \square 2 = 3$
IV. $18 \square 4 = ?$

A) 1 B) 3 C) 5 D) 6 E) 7

5. I. $3 \square 3 = 6$
II. $4 \square 4 = 12$
III. $5 \square 5 = 20$
IV. $6 \square 6 = ?$

A) 24 B) 26 C) 30 D) 32 E) 36

6. I. $7 \square 3 = 16$
II. $8 \square 5 = 9$
III. $10 \square 5 = 25$
IV. $9 \square 2 = ?$

A) 10 B) 16 C) 25 D) 28 E) 49

7. I. $3 \square 12 = 33$
II. $5 \square 11 = 37$
III. $11 \square 4 = 41$
IV. $5 \square 7 = ?$

A) 23 B) 24 C) 29 D) 35 E) 42

8. I. $9 \square 5 = -1$
II. $13 \square 3 = 7$
III. $12 \square 4 = 4$
IV. $8 \square 5 = ?$

A) -2 B) 4 C) 5 D) 8 E) 11

9. I. $3 \square 4 = 20$
II. $7 \square 2 = 24$
III. $6 \square 4 = 35$
IV. $5 \square 5 = ?$

A) 25 B) 28 C) 34 D) 36 E) 42

10. I. $6 \square 15 = 7$
II. $7 \square 2 = 3$
III. $8 \square 4 = 4$
IV. $12 \square 9 = ?$

A) 13 B) 11 C) 9 D) 7 E) 5

11. I. $5 \square 3 = 16$
II. $7 \square 6 = 13$
III. $4 \square 3 = 7$
IV. $5 \square 2 = ?$

A) 10 B) 12 C) 18 D) 21 E) 25

12. I. $3 \square 2 = 3$
II. $8 \square 3 = 4$
III. $15 \square 6 = 3$
IV. $20 \square 5 = ?$

A) 7 B) 5 C) 4 D) 3 E) 2

13. I. $5 \square 2 = 6$
II. $3 \square 8 = 7$
III. $10 \square 4 = 12$
IV. $9 \square 2 = ?$

A) 12 B) 14 C) 16 D) 18 E) 10

14. I. $4 \square 1 = 7$
II. $3 \square 5 = 18$
III. $4 \square 3 = 13$
IV. $5 \square 2 = ?$

A) 7 B) 9 C) 11 D) 17 E) 18

15. I. $5 \square 3 = 34$
II. $7 \square 6 = 85$
III. $4 \square 3 = 25$
IV. $5 \square 2 = ?$

A) 13 B) 21 C) 29 D) 37 E) 55

16. I. $4 \square 3 = 15$
II. $5 \square 2 = 13$
III. $7 \square 3 = 24$
IV. $6 \square 5 = ?$

A) 30 B) 28 C) 24 D) 20 E) 33

TAKTİK GROUP

PUZAYINLARI

1. I. $\blacktriangle 14 = 25$
II. $\blacktriangle 26 = 49$
III. $\blacktriangle 9 = 15$
IV. $\blacktriangle 4 = ?$

A) 3 B) 5 C) 8 D) 16 E) 24

2. I. $\blacktriangle 17 = 53$
II. $\blacktriangle 12 = 38$
III. $\blacktriangle 24 = 74$
IV. $\blacktriangle 7 = ?$

A) 19 B) 23 C) 42 D) 38 E) 39

3. I. $\blacktriangle 4 = 9$
II. $\blacktriangle 8 = 49$
III. $\blacktriangle 5 = 16$
IV. $\blacktriangle 6 = ?$

A) 49 B) 36 C) 25 D) 16 E) 9

4. I. $\blacktriangle 41 = 84$
II. $\blacktriangle 17 = 36$
III. $\blacktriangle 13 = 28$
IV. $\blacktriangle 26 = ?$

A) 48 B) 50 C) 54 D) 72 E) 86

5. I. $\blacktriangle 19 = 54$
II. $\blacktriangle 16 = 45$
III. $\blacktriangle 2 = 3$
IV. $\blacktriangle 14 = ?$

A) 17 B) 28 C) 36 D) 39 E) 48

6. I. $\blacktriangle 16 = 40$
II. $\blacktriangle 24 = 60$
III. $\blacktriangle 26 = 65$
IV. $\blacktriangle 12 = ?$

A) 24 B) 36 C) 28 D) 30 E) 42

7. I. $\blacktriangle 9 = 30$
II. $\blacktriangle 12 = 40$
III. $\blacktriangle 21 = 70$
IV. $\blacktriangle 15 = ?$

A) 40 B) 50 C) 60 D) 65 E) 70

8. I. $\blacktriangle 8 = 5$
II. $\blacktriangle 14 = 8$
III. $\blacktriangle 22 = 12$
IV. $\blacktriangle 18 = ?$

A) 8 B) 6 C) 9 D) 10 E) 14

9. I. $\blacktriangle 32 = 13$
II. $\blacktriangle 48 = 21$
III. $\blacktriangle 34 = 14$
IV. $\blacktriangle 18 = ?$

A) 4 B) 7 C) 6 D) 13 E) 17

13. I. $\blacktriangle 44 = 16$
II. $\blacktriangle 59 = 21$
III. $\blacktriangle 35 = 13$
IV. $\blacktriangle 8 = ?$

A) 2 B) 3 C) 4 D) 5 E) 6

10. I. $\blacktriangle 42 = 35$
II. $\blacktriangle 18 = 15$
III. $\blacktriangle 48 = 40$
IV. $\blacktriangle 24 = ?$

A) 16 B) 17 C) 42 D) 38 E) 20

14. I. $\blacktriangle 7 = 2$
II. $\blacktriangle 10 = 3$
III. $\blacktriangle 16 = 5$
IV. $\blacktriangle 4 = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

11. I. $\blacktriangle 18 = 4$
II. $\blacktriangle 42 = 12$
III. $\blacktriangle 48 = 14$
IV. $\blacktriangle 87 = ?$

A) 24 B) 21 C) 18 D) 19 E) 27

15. I. $\blacktriangle 72 = 48$
II. $\blacktriangle 45 = 30$
III. $\blacktriangle 51 = 34$
IV. $\blacktriangle 48 = ?$

A) 22 B) 26 C) 28 D) 32 E) 36

12. I. $\blacktriangle 17 = 7$
II. $\blacktriangle 29 = 13$
III. $\blacktriangle 5 = 1$
IV. $\blacktriangle 37 = ?$

A) 11 B) 13 C) 15 D) 17 E) 20

16. I. $\blacktriangle 18 = 27$
II. $\blacktriangle 24 = 36$
III. $\blacktriangle 54 = 81$
IV. $\blacktriangle 52 = ?$

A) 62 B) 68 C) 78 D) 84 E) 92

TAKTİK GROUP

1. I. ● 7 = 18
II. ● 13 = 30
III. ● 16 = 36
IV. ● 3 = ?

A) 8 B) 9 C) 10 D) 12 E) 16

2. I. ● 19 = 55
II. ● 14 = 40
III. ● 23 = 67
IV. ● 16 = ?

A) 32 B) 34 C) 39 D) 42 E) 46

3. I. ● 3 = 14
II. ● 7 = 66
III. ● 5 = 36
IV. ● 9 = ?

A) 56 B) 72 C) 84 D) 98 E) 104

4. I. ● 18 = 42
II. ● 6 = 18
III. ● 11 = 28
IV. ● 23 = ?

A) 38 B) 43 C) 52 D) 58 E) 63

5. I. ● 17 = 45
II. ● 9 = 21
III. ● 23 = 63
IV. ● 3 = ?

A) 3 B) 6 C) 9 D) 15 E) 18

6. I. ● 18 = 27
II. ● 2 = 3
III. ● 12 = 18
IV. ● 14 = ?

A) 15 B) 18 C) 21 D) 27 E) 33

7. I. ● 9 = 24
II. ● 24 = 64
III. ● 15 = 40
IV. ● 6 = ?

A) 12 B) 15 C) 18 D) 21 E) 16

8. I. ● 8 = 8
II. ● 4 = 6
III. ● 2 = 5
IV. ● 14 = ?

A) 7 B) 14 C) 11 D) 13 E) 15

9. I. ● 6 = 1
II. ● 12 = 4
III. ● 36 = 16
IV. ● 28 = ?

A) 8 B) 12 C) 15 D) 18 E) 22

13. I. ● 9 = 4
II. ● 21 = 8
III. ● 6 = 3
IV. ● 15 = ?

A) 6 B) 9 C) 3 D) 12 E) 7

10. I. ● 36 = 6
II. ● 42 = 7
III. ● 60 = 10
IV. ● 84 = ?

A) 12 B) 16 C) 15 D) 14 E) 22

14. I. ● 3 = 5
II. ● 12 = 8
III. ● 9 = 7
IV. ● 15 = ?

A) 9 B) 10 C) 11 D) 12 E) 13

11. I. ● 16 = 3
II. ● 44 = 10
III. ● 12 = 2
IV. ● 28 = ?

A) 4 B) 6 C) 13 D) 14 E) 8

15. I. ● 8 = 12
II. ● 16 = 24
III. ● 34 = 51
IV. ● 46 = ?

A) 54 B) 58 C) 62 D) 69 E) 72

12. I. ● 18 = 11
II. ● 22 = 13
III. ● 4 = 4
IV. ● 6 = ?

A) 5 B) 7 C) 8 D) 12 E) 14

16. I. ● 63 = 42
II. ● 75 = 50
III. ● 84 = 56
IV. ● 93 = ?

A) 62 B) 68 C) 71 D) 74 E) 84

TAKTİK GROUP

1. I. ■ 4 = 9
II. ■ 7 = 36
III. ■ 9 = 64
IV. ■ 13 = ?

A) 96 B) 78 C) 108 D) 144 E) 169

5. I. ■ 13 = 165
II. ■ 3 = 5
III. ■ 7 = 45
IV. ■ 4 = ?

A) 10 B) 15 C) 12 D) 18 E) 25

2. I. ■ 1 = 4
II. ■ 5 = 36
III. ■ 7 = 64
IV. ■ 9 = ?

A) 90 B) 81 C) 100 D) 110 E) 144

6. I. ■ 1 = 2
II. ■ 5 = 26
III. ■ 9 = 82
IV. ■ 6 = ?

A) 26 B) 32 C) 37 D) 43 E) 46

3. I. ■ 2 = 3
II. ■ 4 = 27
III. ■ 7 = 108
IV. ■ 5 = ?

A) 32 B) 36 C) 38 D) 48 E) 52

7. I. ■ 4 = 4
II. ■ 15 = 180
III. ■ 9 = 54
IV. ■ 8 = ?

A) 36 B) 38 C) 40 D) 44 E) 52

4. I. ■ 3 = 32
II. ■ 1 = 8
III. ■ 7 = 128
IV. ■ 6 = ?

A) 82 B) 85 C) 87 D) 92 E) 98

8. I. ■ 3 = 24
II. ■ 2 = 5
III. ■ 5 = 122
IV. ■ 6 = ?

A) 129 B) 148 C) 182 D) 216 E) 213

9. I. ■ 4 = 18
II. ■ 2 = 5
III. ■ 6 = 39
IV. ■ 10 = ?

A) 85 B) 90 C) 95 D) 100 E) 105

10. I. ■ 1 = 3
II. ■ 5 = 35
III. ■ 4 = 24
IV. ■ 3 = ?

A) 9 B) 12 C) 15 D) 24 E) 27

11. I. ■ 13 = 143
II. ■ 9 = 63
III. ■ 3 = 3
IV. ■ 5 = ?

A) 8 B) 9 C) 10 D) 11 E) 15

12. I. ■ 15 = 4
II. ■ 35 = 6
III. ■ 24 = 5
IV. ■ 48 = ?

A) 8 B) 9 C) 7 D) 5 E) 3

13. I. ■ 20 = 4
II. ■ 40 = 6
III. ■ 53 = 7
IV. ■ 5 = ?

A) 1 B) 2 C) 3 D) 4 E) 5

14. I. ■ 8 = 4
II. ■ 18 = 6
III. ■ 32 = 8
IV. ■ 2 = ?

A) 1 B) 2 C) 3 D) 6 E) 8

15. I. ■ 4 = 8
II. ■ 10 = 50
III. ■ 12 = 72
IV. ■ 16 = ?

A) 112 B) 116 C) 126 D) 128 E) 146

16. I. ■ 8 = 2
II. ■ 32 = 4
III. ■ 50 = 5
IV. ■ 72 = ?

A) 7 B) 8 C) 6 D) 9 E) 13

TAKTİK GROUP

1. I. $\blacktriangle 2 = 9$
II. $\blacktriangle 3 = 16$
III. $\blacktriangle 4 = 25$
IV. $\blacktriangle 7 = ?$

A) 36 B) 49 C) 58 D) 68 E) 64

2. I. $\blacktriangle 3 = 1$
II. $\blacktriangle 7 = 25$
III. $\blacktriangle 9 = 49$
IV. $\blacktriangle 5 = ?$

A) 16 B) 9 C) 27 D) 35 E) 81

3. I. $\blacktriangle 2 = 2$
II. $\blacktriangle 4 = 18$
III. $\blacktriangle 6 = 50$
IV. $\blacktriangle 9 = ?$

A) 112 B) 128 C) 158 D) 168 E) 174

4. I. $\blacktriangle 1 = 5$
II. $\blacktriangle 4 = 20$
III. $\blacktriangle 6 = 40$
IV. $\blacktriangle 8 = ?$

A) 58 B) 62 C) 68 D) 74 E) 78

5. I. $\blacktriangle 1 = 12$
II. $\blacktriangle 3 = 48$
III. $\blacktriangle 4 = 75$
IV. $\blacktriangle 5 = ?$

A) 94 B) 98 C) 108 D) 116 E) 126

6. I. $\blacktriangle 3 = 6$
II. $\blacktriangle 4 = 13$
III. $\blacktriangle 7 = 46$
IV. $\blacktriangle 5 = ?$

A) 18 B) 23 C) 26 D) 22 E) 31

7. I. $\blacktriangle 11 = 110$
II. $\blacktriangle 13 = 156$
III. $\blacktriangle 15 = 210$
IV. $\blacktriangle 7 = ?$

A) 28 B) 36 C) 42 D) 48 E) 52

8. I. $\blacktriangle 3 = 23$
II. $\blacktriangle 4 = 60$
III. $\blacktriangle 2 = 4$
IV. $\blacktriangle 5 = ?$

A) 32 B) 52 C) 84 D) 102 E) 121

9. I. $\blacktriangle 2 = 3$
II. $\blacktriangle 6 = 33$
III. $\blacktriangle 12 = 138$
IV. $\blacktriangle 10 = ?$

A) 80 B) 88 C) 85 D) 95 E) 100

13. I. $\blacktriangle 6 = 3$
II. $\blacktriangle 1 = 2$
III. $\blacktriangle 13 = 4$
IV. $\blacktriangle 22 = ?$

A) 3 B) 2 C) 5 D) 7 E) 9

10. I. $\blacktriangle 7 = 35$
II. $\blacktriangle 3 = 3$
III. $\blacktriangle 6 = 24$
IV. $\blacktriangle 11 = ?$

A) 89 B) 92 C) 99 D) 106 E) 168

14. I. $\blacktriangle 18 = 4$
II. $\blacktriangle 3 = 1$
III. $\blacktriangle 6 = 2$
IV. $\blacktriangle 51 = ?$

A) 6 B) 7 C) 8 D) 9 E) 10

11. I. $\blacktriangle 7 = 24$
II. $\blacktriangle 15 = 112$
III. $\blacktriangle 13 = 84$
IV. $\blacktriangle 3 = ?$

A) 2 B) 4 C) 5 D) 8 E) 12

15. I. $\blacktriangle 6 = 12$
II. $\blacktriangle 3 = 3$
III. $\blacktriangle 12 = 48$
IV. $\blacktriangle 15 = ?$

A) 65 B) 70 C) 75 D) 85 E) 60

12. I. $\blacktriangle 12 = 6$
II. $\blacktriangle 3 = 3$
III. $\blacktriangle 27 = 11$
IV. $\blacktriangle 48 = ?$

A) 12 B) 16 C) 18 D) 21 E) 23

16. I. $\blacktriangle 48 = 4$
II. $\blacktriangle 27 = 3$
III. $\blacktriangle 75 = 5$
IV. $\blacktriangle 147 = ?$

A) 7 B) 9 C) 6 D) 11 E) 13

TAKTİK GROUP

1. I. $\bullet 58 = 138$
II. $\bullet 73 = 103$
III. $\bullet 82 = 102$
IV. $\bullet 68 = ?$

A) 158 B) 614 C) 148 D) 146 E) 164

2. I. $\bullet 59 = 56$
II. $\bullet 78 = 60$
III. $\bullet 36 = 36$
IV. $\bullet 58 = ?$

A) 52 B) 55 C) 53 D) 57 E) 56

3. I. $\bullet 17 = 27$
II. $\bullet 83 = 163$
III. $\bullet 42 = 82$
IV. $\bullet 54 = ?$

A) 94 B) 84 C) 104 D) 114 E) 124

4. I. $\bullet 56 = 618$
II. $\bullet 42 = 56$
III. $\bullet 78 = 824$
IV. $\bullet 35 = ?$

A) 415 B) 915 C) 615 D) 335 E) 164

5. I. $\bullet 63 = 735$
II. $\bullet 85 = 947$
III. $\bullet 27 = 319$
IV. $\bullet 46 = ?$

A) 528 B) 487 C) 526 D) 658 E) 488

6. I. $\bullet 23 = 15$
II. $\bullet 38 = 511$
III. $\bullet 19 = 810$
IV. $\bullet 49 = ?$

A) 513 B) 413 C) 139 D) 134 E) 939

7. I. $\bullet 39 = 616$
II. $\bullet 82 = 169$
III. $\bullet 52 = 109$
IV. $\bullet 71 = ?$

A) 142 B) 148 C) 146 D) 149 E) 212

8. I. $\bullet 38 = 410$
II. $\bullet 27 = 39$
III. $\bullet 49 = 511$
IV. $\bullet 55 = ?$

A) 105 B) 510 C) 610 D) 67 E) 670

9. I. $\bullet 94 = 122$
II. $\bullet 79 = 107$
III. $\bullet 53 = 81$
IV. $\bullet 87 = ?$

A) 155 B) 115 C) 715 D) 814 E) 167

13. I. $\bullet 96 = 27$
II. $\bullet 63 = 9$
III. $\bullet 87 = 28$
IV. $\bullet 18 = ?$

A) 9 B) 5 C) 4 D) 11 E) 12

10. I. $\bullet 19 = 110$
II. $\bullet 43 = 167$
III. $\bullet 53 = 258$
IV. $\bullet 29 = ?$

A) 49 B) 411 C) 114 D) 11 E) 418

14. I. $\bullet 48 = 124$
II. $\bullet 94 = 272$
III. $\bullet 36 = 93$
IV. $\bullet 52 = ?$

A) 102 B) 152 C) 151 D) 107 E) 77

11. I. $\bullet 14 = 12$
II. $\bullet 59 = 253$
III. $\bullet 936 = 816$
IV. $\bullet 849 = ?$

A) 829 B) 843 C) 129 D) 113 E) 647

15. I. $\bullet 39 = 66$
II. $\bullet 71 = 144$
III. $\bullet 86 = 167$
IV. $\bullet 95 = ?$

A) 925 B) 815 C) 914 D) 187 E) 185

12. I. $\bullet 268 = 4$
II. $\bullet 988 = 5$
III. $\bullet 117 = 3$
IV. $\bullet 121 = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

16. I. $\bullet 129 = 63$
II. $\bullet 923 = 461$
III. $\bullet 846 = 422$
IV. $\bullet 523 = ?$

A) 103 B) 56 C) 55 D) 73 E) 261

1. I. ■ 826 → 88
II. 315 ▲ → 45
III. ■ 491▲ → 410 ▲ → 50
IV. ■ 892 ▲ → ?
A) 82 B) 19 C) 91 D) 83 E) 69

2. I. ● 726 → 3 ○ 148 → 11
II. ● 914 → 6 ○ 359 → 11
III. (● 934) + (○ 463) → ?
A) 11 B) 12 C) 13 D) 14 E) 15

3. I. ▲ 453 → 98
II. ▲ 561 → 117
III. ▲ 917 → ?
A) 97 B) 98 C) 108 D) 86 E) 88

4. I. ● 674 → 1, 9
II. ● 742 → 9, 4
III. ● 138 → 4, 25
IV. ● 563 → ?
A) 1, 16 B) 4, 9 C) 1, 9
D) 9, 25 E) 36, 4

5. I. ■ 84 → 32, 12, 4
II. ■ 72 → ?
A) 9, 5, 14 B) 5, 14, 9 C) 14, 9, 5
D) 25, 5, 9 E) 14, 9, 25

6. I. ▲ 893 → 389
II. 768 ■ → 428
III. ▲ 148 ■ → 814 ■ → 84
IV. ▲ 117 ■ → 711 ■ → 71
V. ▲ 976 ■ → ?
A) 429 B) 616 C) 139 D) 663 E) 547

7. I. ■ 317 → 4, 2
II. ■ 439 → 5, 1
III. ■ 528 → ?
A) 3, 7 B) 10, 7 C) 3, 3
D) 5, 10 E) 3, 6

8. I. ▲ 524 → 58
II. 465 ■ → 230
III. ▲ 459 ■ → ▲ 145 → 120
IV. ▲ 257 ■ → ?
A) 47 B) 53 C) 315 D) 228 E) 520

9. I. 537 ● → 123
II. 798 ● → 159
III. 253 ▲ → 65
IV. 551 ▲ → 55
V. (697 ● ▲) → ?

A) 64 B) 62 C) 73 D) 93 E) 69

10. I. ▲ 492 → 249
II. 418 ■ → 54
III. ▲ 795 ■ → 579 ■ → 124
IV. ▲ 193 ■ → ? ■ → ?

A) 391 , 46 B) 319 , 46 C) 139 , 48
D) 931 , 94 E) 319 , 94

11. I. ■ 632 → 335
II. ■ 852 → 347
III. 974 ▲ → 5
IV. 861 ▲ → 7
V. (■ 812) ▲ → ?

A) 3 B) 4 C) 6 D) 8 E) 9

12. I. ● 513 → 18
II. ● 217 → 20
III. ● 491 → 28
IV. ● 714 → ?

A) 22 B) 24 C) 20 D) 18 E) 26

13. I. 741 → 363
II. 974 → 253
III. 832 → 561
IV. 511 → ?

A) 662 B) 460 C) 440 D) 462 E) 642

14. I. 3425 → 23
II. 7464 → 52
III. 1394 → 31
IV. 2843 → ?

A) 20 B) 25 C) 27 D) 28 E) 38

15. I. 724 → 14
II. 934 → 12
III. 699 → 6
IV. 968 → ?

A) 12 B) 14 C) 13 D) 17 E) 16

16. I. 95 → 31
II. 74 → 17
III. 49 → 23
IV. 83 → ?

A) 9 B) 13 C) 17 D) 19 E) 21

TAKTİK GROUP

1. I. $(5 \bullet 3) \bullet 1 = 9$
II. $(6 \bullet 2) \bullet 3 = 11$
III. $(7 \bullet 5) \bullet 4 = 16$
IV. $(4 \bullet 3) \bullet 6 = ?$

A) 13 B) 12 C) 10 D) 8 E) 7

2. I. $(4 \blacksquare 2) \bullet 1 = 2$
II. $(8 \blacksquare 3) \bullet 2 = 10$
III. $(5 \blacksquare 2) \bullet 4 = 12$
IV. $(6 \blacksquare 3) \bullet 2 = ?$

A) 2 B) 4 C) 6 D) 8 E) 12

3. I. $4 \blacklozenge (7 \star 2) = 20$
II. $2 \blacklozenge (5 \star 3) = 4$
III. $6 \blacklozenge (6 \star 2) = 24$
IV. $4 \blacklozenge (7 \star 5) = ?$

A) 4 B) 8 C) 10 D) 12 E) 16

4. I. $6 \star 3 \bullet 2 = 16$
II. $7 \bullet 5 \star 4 = -13$
III. $3 \bullet 4 \star 3 = -9$
IV. $8 \star 6 \bullet 2 = ?$

A) 50 B) 48 C) 46 D) 16 E) -4

5. I. $(6 \star 2) \bullet 2 = 1$
II. $(9 \star 3) \bullet 3 = 0$
III. $(5 \star 1) \bullet 4 = 1$
IV. $(8 \star 2) \bullet 1 = ?$

A) 2 B) 3 C) 4 D) 5 E) 6

6. I. $(7 \blacksquare 3) \blacktriangledown (8 \blacksquare 4) = 16$
II. $(6 \blacksquare 2) \blacktriangledown (5 \blacksquare 3) = 8$
III. $(9 \blacksquare 4) \blacktriangledown (7 \blacksquare 2) = 25$
IV. $(8 \blacksquare 5) \blacktriangledown (6 \blacksquare 4) = ?$

A) 6 B) 10 C) 12 D) 16 E) 20

7. I. $(8 \blacktriangledown 2) \blacklozenge (3 \blacktriangledown 1) = 12$
II. $(6 \blacktriangledown 3) \blacklozenge (7 \blacktriangledown 7) = 2$
III. $(9 \blacktriangledown 3) \blacklozenge (8 \blacktriangledown 4) = 6$
IV. $(5 \blacktriangledown 1) \blacklozenge (8 \blacktriangledown 2) = ?$

A) 5 B) 10 C) 16 D) 20 E) 25

8. I. $(6 \blacksquare 4) \star (3 \blacksquare 1) = 4$
II. $(7 \blacksquare 3) \star (4 \blacksquare 2) = 8$
III. $(8 \blacksquare 4) \star (6 \blacksquare 3) = 12$
IV. $(5 \blacksquare 2) \star (4 \blacksquare 1) = ?$

A) 10 B) 9 C) 8 D) 6 E) 4

9. I. $(4 \square 2) \square (5 \star 2) = 9$
II. $(6 \square 3) \star (2 \square 1) = 6$
III. $(4 \star 1) \square (5 \star 2) = 6$
IV. $(11 \square 3) \star (6 \square 3) = ?$

A) 1 B) 2 C) 3 D) 4 E) 5

10. I. $(6 \square 2) \circ (5 \square 2) = 22$
II. $(4 \circ 1) \square (3 \square 2) = 30$
III. $(7 \circ 2) \square (6 \circ 3) = 81$
IV. $(8 \square 3) \circ (5 \square 2) = ?$

A) 12 B) 18 C) 28 D) 34 E) 42

11. I. $(4 \star 2) \star 1 = 2$
II. $(8 \star 4) \star 2 = 1$
III. $(12 \star 2) \star 3 = 2$
IV. $(24 \star 3) \star 2 = ?$

A) 1 B) 2 C) 3 D) 4 E) 6

12. I. $5 \oplus 2 \oplus 4 = 13$
II. $6 \oplus 3 \oplus 5 = 13$
III. $8 \oplus 4 \oplus 3 = 7$
IV. $6 \oplus 2 \oplus 1 = ?$

A) 4 B) 6 C) 8 D) 11 E) 13

13. I. $64 \bullet 3 = 4$
II. $81 \bullet 4 = 3$
III. $4 \blacklozenge 2 = 16$
IV. $9 \blacklozenge 2 = 81$
V. $(27 \bullet 3) \blacklozenge (25 \bullet 2) = ?$

A) 25 B) 625 C) 27 D) 81 E) 243

14. I. $(12 \blacklozenge 3) \circ 2 = 3$
II. $(29 \blacklozenge 2) \circ 3 = 3$
III. $(65 \blacklozenge 1) \circ 3 = 4$
IV. $(18 \blacklozenge 2) \circ 4 = ?$

A) 2 B) 3 C) 4 D) 5 E) 6

15. I. $4 \square (5 \circ 2) \star 3 = 13$
II. $12 \square (5 \circ 4) \star 5 = 17$
III. $18 \circ (1 \square 2) \star 4 = 6$
IV. $6 \star (9 \square 3) \circ 2 = ?$

A) 70 B) 80 C) 122 D) 142 E) 160

16. I. $(7 \blacklozenge 3) \star 2 = 2$
II. $2 \star (8 \blacklozenge 2) = 36$
III. $(30 \blacklozenge 3) \star 3 = 3$
IV. $3 \star (5 \blacklozenge 1) = 64$
V. $(27 \blacklozenge 2) \star 2 = ?$

A) 5 B) 16 C) 25 D) 50 E) 225

1. I. $\blacktriangle 583 \rightarrow 676$
II. $\blacktriangle 412 \rightarrow 504$
III. $\blacktriangle 674 \rightarrow 768$
IV. $\blacktriangle 131 \rightarrow ?$

A) 262 B) 293 C) 332 D) 321 E) 222

2. I. $\blacktriangle 317 \rightarrow 110$
II. $\blacktriangle 419 \rightarrow 113$
III. $\blacktriangle 328 \rightarrow 211$
IV. $\blacktriangle 382 \rightarrow ?$

A) 81 B) 836 C) 826 D) 85 E) 86

3. I. $\blacktriangle 239 \rightarrow 675$
II. $\blacktriangle 148 \rightarrow 475$
III. $\blacktriangle 189 \rightarrow 189$
IV. $\blacktriangle 179 \rightarrow ?$

A) 288 B) 758 C) 293 D) 143 E) 183

4. I. $\blacktriangle 381 \rightarrow 9641$
II. $\blacktriangle 527 \rightarrow 25449$
III. $\blacktriangle 149 \rightarrow 11681$
IV. $\blacktriangle 234 \rightarrow ?$

A) 2536 B) 2581 C) 3681 D) 4916 E) 4981

5. I. $\blacktriangle 239 \rightarrow 923$
II. $481 \blacksquare 245 \rightarrow 363$
III. $(\blacktriangle 625) \blacksquare 362 \rightarrow 462$
IV. $(\blacktriangle 539) \blacksquare 427 \rightarrow ?$

A) 438 B) 933 C) 538 D) 943 E) 690

6. I. $\blacktriangle 762 \rightarrow 138$
II. $\blacktriangle 538 \rightarrow 811$
III. $\blacktriangle 926 \rightarrow 118$
IV. $\blacktriangle 324 \rightarrow ?$

A) 329 B) 366 C) 56 D) 68 E) 122

7. I. $\blacktriangle 84 \rightarrow 416$
II. $\blacktriangle 26 \rightarrow 136$
III. $\blacktriangle 69 \rightarrow 381$
IV. $\blacktriangle 47 \rightarrow ?$

A) 449 B) 814 C) 249 D) 427 E) 424

8. I. $\blacktriangle 1384 \rightarrow 524$
II. $\blacktriangle 3566 \rightarrow 930$
III. $\blacktriangle 9176 \rightarrow 157$
IV. $\blacktriangle 8195 \rightarrow ?$

A) 410 B) 401 C) 175 D) 814 E) 139

9. I. ▲ 2716 → 6271
II. ● 4317 → 5226
III. ●▲ 4583 → ● 3458 → 4367
IV. ●▲ 7684 → ?
A) 7468 B) 5767 C) 4867 D) 5677 E) 7657

13. I. ● 421 → 321
II. ■ 325 → 857
III. ●■ 313 → ● 644 → 220
IV. ●■ 514 → ?
A) 431 B) 437 C) 327 D) 415 E) 621

10. I. ■ 315 → 153
II. ● 247 → 4
III. ●■ 427 → ● 274 → 4
IV. ●■ 871 → ?
A) 2 B) 3 C) 4 D) 7 E) 10

14. I. ▲ 139 → 628
II. ■ 453 → 6
III. ▲■ 368 → ■ 235 → 5
IV. ▲■ 279 → ?
A) 4 B) 6 C) 7 D) 9 E) 11

11. I. ■ 5713 → 1357
II. ● 7425 → 8659
III. ■● 6324 → ● 2463 → 3697
IV. ■● 4481 → ?
A) 9736 B) 1618 C) 7839 D) 9378 E) 8487

15. I. ● 726 → 548
II. ■ 769 → 10
III. ●■ 816 → ■ 757 → 9
IV. ●■ 936 → ?
A) 9 B) 10 C) 12 D) 14 E) 19

12. I. ▲ 482 → 326
II. ■ 347 → 728
III. ▲■ 571 → ■ 356 → 830
IV. ▲■ 260 → ?
A) 312 B) 426 C) 814 D) 962 E) 642

16. I. ▲ 724 → 148
II. ● 235 → 11
III. ▲● 833 → ● 249 → 17
IV. ▲● 532 → ?
A) 11 B) 12 C) 13 D) 14 E) 15

TAKTİK GROUP

1. I. $\blacksquare + \blacktriangle = 17$
II. $\blacktriangle + \bullet = 12$
III. $\blacksquare - \bullet = ?$
- A) 2 B) 3 C) 4 D) 5 E) 6

5. I. $\blacksquare + \blacktriangle = 13$
II. $\blacktriangle + 3 = 9$
III. $\bullet - \blacktriangle = 8$
IV. $\bullet - \blacksquare = ?$
- A) 4 B) 6 C) 7 D) 9 E) 11

2. I. $\bullet - 2 = 5$
II. $13 - \bullet = \blacksquare$
III. $\blacktriangle + \bullet = \blacksquare$
IV. $\blacksquare + \blacktriangle + \bullet = ?$
- A) 10 B) 11 C) 12 D) 13 E) 14

6. I. $8 - \bullet = 2$
II. $\blacksquare - \bullet = 3$
III. $\blacklozenge + 2 = \blacksquare$
IV. $\blacksquare + \bullet + \blacklozenge = ?$
- A) 18 B) 20 C) 21 D) 22 E) 28

3. I. $\blacksquare + \blacksquare = \bullet$
II. $\bullet - \blacksquare = 9$
III. $\bullet = ?$
- A) 12 B) 16 C) 18 D) 24 E) 22

7. I. $\bullet - \blacklozenge = 4$
II. $\bullet + \bullet = \blacktriangle$
III. $\blacktriangle - \bullet = 8$
IV. $\bullet + \blacklozenge + \blacktriangle = ?$
- A) 26 B) 28 C) 32 D) 36 E) 38

4. I. $2 \cdot \blacksquare + 3 \cdot \blacktriangle = 16$
II. $3 \cdot \blacktriangle + 2 \cdot \bullet = 12$
III. $\blacksquare - \bullet = ?$
- A) 2 B) 3 C) 4 D) 5 E) 6

8. I. $\bullet - \blacktriangle = 2$
II. $\square + \blacktriangle = 37$
III. $\blacktriangle + \bullet = 20$
IV. $\blacktriangle + \blacklozenge = \square + 5$
V. $\square + \blacklozenge - \blacktriangle - \bullet = ?$
- A) 21 B) 30 C) 32 D) 35 E) 38

9. I. $\bullet = \frac{\blacksquare}{2}$
II. $\blacksquare = \frac{\blacktriangle}{2}$
III. $\frac{\blacksquare}{2} + \frac{\blacktriangle}{4} = ?$
A) \bullet B) $\frac{\blacksquare}{2}$ C) $2 \cdot \blacksquare$ D) $2 \cdot \bullet$ E) $\frac{\blacktriangle}{4}$

10. I. $\circ + \blacksquare = \sqrt{\blacktriangle}$
II. $\frac{\blacktriangle}{\circ} = \frac{\blacktriangle}{\blacksquare + \blacksquare}$
III. $\blacktriangle - \blacksquare = 34$
IV. $\frac{\sqrt{\blacktriangle}}{\sqrt{\circ}} = ?$
A) 2 B) 3 C) 4 D) 5 E) 6

11.
$$\begin{array}{r} \bullet \blacksquare \bullet \\ + \quad \star 5 \\ \hline 9 \ 4 \ 4 \end{array} \Rightarrow \blacksquare + \star = ?$$

A) 3 B) 4 C) 5 D) 6 E) 7

12. I. $\frac{\circ}{\blacksquare} = \blacktriangle$
II. $\circ \cdot \blacktriangle = 36$
III. $\sqrt{\circ} = \sqrt{\blacksquare} \cdot \blacktriangle$
IV. $\Rightarrow \blacksquare = ?$
A) 9 B) 16 C) 25 D) 36 E) 49

13.
$$\begin{array}{r} 4 \blacktriangle \blacksquare \\ + \quad 9 \blacktriangle \\ \hline \blacktriangle \blacktriangle 3 \end{array} \Rightarrow \blacksquare - \blacktriangle = ?$$

A) 1 B) 2 C) 3 D) 5 E) 6

14. I. $\bullet : \blacktriangle = 8$
II. $\bullet + \blacktriangle = 18$
III. $\bullet \cdot \blacktriangle = ?$
A) 24 B) 28 C) 30 D) 32 E) 36

15. I. $32 : \bullet - \blacktriangle - 3$
II. $15 - \bullet = \blacktriangle$
III. $23 + \bullet = 3 \cdot \bullet + \blacktriangle$
IV. $\bullet - \blacktriangle = ?$
A) 1 B) 2 C) 3 D) 4 E) 5

16. I. $12 = \blacktriangle - \bullet$
II. $\blacktriangle + \blacksquare = \bullet - 3$
III. $\bullet - \blacksquare - \blacktriangle = ?$
A) 3 B) 4 C) 5 D) 6 E) 7

TAKTİK GROUP

1. I. $\bullet - \blacksquare = 6$

II. $\frac{\bullet}{\blacksquare} = \blacksquare$

III. $\frac{\blacktriangle}{\bullet} = \blacksquare$

$0 < \bullet, 0 < \blacksquare, 0 < \blacktriangle \Rightarrow \blacktriangle = ?$

- A) 12 B) 18 C) 21 D) 24 E) 27

2. I. $85 \rightarrow 40 ; 3$

II. $62 \rightarrow 12 ; 4$

III. $21 \rightarrow 2 ; 1$

IV. $75 \rightarrow ?$

- A) 35 ; 2 B) 35 ; 3 C) 35 ; 5
D) 36 ; 1 E) 36 ; 2

3. I. $75 \rightarrow 12 ; 2$

II. $96 \rightarrow 15 ; 3$

III. $62 \rightarrow 8 ; 4$

IV. $84 \rightarrow ?$

- A) 32 ; 4 B) 32 ; 3 C) 12 ; 4
D) 12 ; 2 E) 12 ; 0

4. I. $2 \blacksquare 3 = 8$

II. $5 \blacksquare 4 = 13$

III. $9 \blacksquare 8 = 25$

IV. $4 \blacksquare 7 = ?$

- A) 12 B) 16 C) 18 D) 21 E) 23

5. I. $4 \circ 5 = 16$

II. $7 \circ 10 = 63$

III. $6 \circ 2 = 6$

IV. $9 \circ 7 = ?$

- A) 62 B) 54 C) 48 D) 42 E) 32

6. I. $4 \square 6 = 20$

II. $3 \square 5 = 16$

III. $3 \square 9 = 24$

IV. $6 \square 8 = ?$

- A) 16 B) 18 C) 24 D) 28 E) 32

7. I. $2 * 3 = \frac{1}{6}$

II. $1 * 4 = \frac{3}{4}$

III. $\frac{1}{6} * \frac{1}{3} = 3$

IV. $\frac{1}{a} * \frac{1}{b} = ?$

- A) $a - b$ B) $a + b$ C) $\frac{a \cdot b}{a + b}$
D) $\frac{a \cdot b}{a - b}$ E) $\frac{2 \cdot a \cdot b}{a + b}$

8. I. $(9 \square 7) \Delta 4 = 4$

II. $(24 \Delta 6) \square 7 = 11$

III. $(20 \Delta 2) \square (3 \square 5) = ?$

- A) 8 B) 12 C) 16 D) 18 E) 20

9. I. $a \star b = \frac{a^2}{3b}$
II. $6 \star 4 = ?$
A) 2 B) 3 C) 4 D) 5 E) 6

10. I. $7 \bullet 3 = 2$
II. $5 \bullet 5 = 2$
III. $8 \bullet 12 = 4$
IV. $15 \bullet 25 = ?$
A) 2 B) 5 C) 8 D) 10 E) 20

11. I. $(9 \star 3) \bullet 4 = 10$
II. $(8 \bullet 4) \blacksquare 3 = 36$
III. $[(6 \star 3) \bullet (5 \bullet 3)] \blacksquare 4 = ?$
A) 44 B) 48 C) 60 D) 64 E) 72

12. I. $\bullet + \blacksquare = 12$
II. $\bullet \div \blacksquare = \blacksquare$
III. $12 \div \blacksquare = ?$
A) 2 B) 3 C) 4 D) 5 E) 6

13. I. $9 \star 3 = 24$
II. $3 \star 9 = 18$
III. $2 \star 8 = 8$
IV. $8 \star 2 = ?$
A) 6 B) 8 C) 10 D) 12 E) 14

14. I. $1 \blacklozenge 2 = \frac{3}{2}$
II. $2 \blacklozenge 3 = \frac{5}{6}$
III. $\frac{1}{2} \blacklozenge \frac{1}{4} = 6$
IV. $a \blacklozenge b = ?$
A) $\frac{1}{a} + \frac{1}{b}$ B) $\frac{1}{a} - \frac{1}{b}$ C) $\frac{a}{b} - \frac{b}{a}$
D) $\frac{a}{b} + \frac{b}{a}$ E) $\frac{a \cdot b}{a+b}$

15. I. $1 \star 2 = 4$
II. $2 \star 3 = 18$
III. $3 \star 4 = 48$
IV. $3 \star 5 = ?$
A) 30 B) 45 C) 75 D) 100 E) 125

16. I. $2 \star 1 = 3$
II. $3 \star 4 = 16$
III. $5 \star 2 = 12$
IV. $6 \star 3 = ?$
A) 9 B) 12 C) 15 D) 18 E) 21

TAKTIK GROUP

1. I. $a \blacktriangle b = (a-b)(a^2 + ab + b^2)$

II. $5 \blacktriangle c = 98$

$\Rightarrow c = ?$

- A) 1 B) 2 C) 3 D) 4 E) 6

2. I. $a \blacksquare b = \frac{a}{b}$

II. $a \bullet b = b^a$

III. $(4 \blacksquare 2) \bullet 5 = ?$

- A) 4 B) 5 C) 15 D) 25 E) 32

3. I. $a \blacktriangle b = a^2 - 2ab + b^2$

II. $5 \blacktriangle 6 = ?$

- A) 30 B) 22 C) 15 D) 11 E) 1

4. I. $(6 \blacktriangle 3) \blacksquare 5 = 10$

II. $(8 \blacksquare 3) \blacktriangle 4 = 6$

III. $(6 \blacktriangle 2) \blacksquare 7 = 21$

IV. $(7 \blacksquare 4) \blacktriangle 2 = ?$

- A) 13 B) 14 C) 15 D) 18 E) 22

5. I. $(3 \oplus 2) \bullet 5 = 11$

II. $(4 \bullet 5) \oplus 2 = 18$

III. $(2 \bullet 4) \oplus 4 = 24$

IV. $(5 \oplus 2) \bullet 3 = ?$

- A) 7 B) 10 C) 13 D) 21 E) 30

6. I. $a \blacktriangle b = 2 \cdot (a-b)$

II. $a * b = 2 \cdot a \cdot b$

III. $(4 * 3) \blacktriangle (2 \blacktriangle 1) = ?$

- A) 24 B) 26 C) 28 D) 32 E) 44

7. I. $a \oplus b = \frac{3a}{b}$

II. $a \blacklozenge b = \frac{b}{3a}$

III. $(5 \oplus 4) \blacklozenge 3 = \frac{4}{15}$

IV. $5 \oplus (4 \blacklozenge 3) = ?$

- A)
- $\frac{3}{20}$
- B) 27 C)
- $\frac{72}{15}$
- D) 60 E)
- $\frac{108}{5}$

8. I. $(5 \bullet 2) \blacksquare (3 \bullet 4) = 22$

II. $(3 \blacksquare 4) \bullet (2 \blacksquare 3) = 35$

III. $(5 \blacksquare 3) \bullet (2 \blacksquare 6) = ?$

- A) 64 B) 42 C) 27 D) 23 E) 20

9. I. ●644 → 84
II. 816 ■ → 84
III. ●499 ■ → 79 ■ → 73
IV. ●(●81625 ■) ■ → ?
A) 925 B) 325 C) 95 D) 35 E) 6





10. I. □273 → 93
II. 621 ◆ → 63
III. □948 ◆ → 138 ◆ → 111
IV. □749 ◆ → ?
A) 10 B) 11 C) 18 D) 24 E) 110

11. I. 3 △ 5 = 16
II. 3 △ 7 = 40
III. 7 △ 9 = ?
A) 65 B) 63 C) 32 D) 31 E) 8

12. I. ●□□ → 3
II. □□□● → 2
III. □□□□● → 3
IV. ●□□□□□● → ?
A) 3 B) 4 C) 5 D) 6 E) 7

13. I. ⊗264 → 4
II. ⊗342 → 5
III. ⊗611 → 6
IV. □125 → 6
V. □647 → 5
VI. □343 → 4
⇒ (⊗891) - (□645) = ?
A) 9 B) 10 C) 11 D) 12 E) 13

14. I. 3 · △ = 2 · ●
II. 5 · □ = 8 · ●
⇒ $\frac{\Delta}{\square}$
A) $\frac{5}{12}$ B) $\frac{5}{8}$ C) $\frac{12}{5}$ D) $\frac{8}{5}$ E) $\frac{3}{4}$

15. I.  → 45 - 36
II.  → 16 - 48
III.  → 18 - 18
IV.  → ? - ?
A) 60-40 B) 40-24 C) 30-36
D) 64-40 E) 88-48

16. I. 18 △ (6 □ 2) ● 2 = 8
II. 2 □ (3 ● 1) △ 4 = 4
III. 6 ● (8 △ 5) □ 7 = 27
IV. 2 □ [(6 ● 2) △ 7] = ?
A) 1 B) 2 C) 3 D) 4 E) 5

1. I. ■ $632 \Rightarrow 9, 5$
II. ■ $327 \Rightarrow 5, 9$
III. ■ $616 \Rightarrow 7, 7$
IV. ■ $200 \Rightarrow ?, ?$

- A) 2, 2 B) 20, 0 C) 20, 2
D) 2, 0 E) 22, 0

2. I. $12 \Rightarrow 3 \Rightarrow 7$
II. $28 \Rightarrow 7 \Rightarrow 11$
III. $24 \Rightarrow 6 \Rightarrow 10$
IV. $36 \Rightarrow ? \Rightarrow ?$

- A) 8; 11 B) 8; 12 C) 9; 14
D) 4; 8 E) 9; 13

3. I. $16 \Rightarrow (100) \Leftarrow 6$
II. $8 \Rightarrow (25) \Leftarrow 3$
III. $10 \Rightarrow (?) \Leftarrow 4$

- A) 4 B) 16 C) 36 D) 49 E) 64

4. I. $3 \Rightarrow 11 \Rightarrow 19 \Rightarrow 27$
II. $1 \Rightarrow 9 \Rightarrow 17 \Rightarrow 25$
III. $5 \Rightarrow ? \Rightarrow ? \Rightarrow ?$

- A) 10; 14; 18 B) 13; 21; 31 C) 10; 21; 29
D) 13; 18; 21 E) 13; 21; 29

5. I. $x \blacksquare y = \sqrt[y]{x}$
II. $x \bullet y = x^y$
III. $(16 \blacksquare 4) \bullet (-1 \blacksquare 3) = ?$

- A) 1 B) 2 C) 3 D) $\frac{1}{2}$ E) $\frac{1}{3}$

6. I. $x \blacktriangle y = x^2 - y^2$
II. $2005 \blacktriangle 2004 = ?$

- A) 1 B) 4000 C) 4009
D) 4900 E) 49000

7. I.

2	4	5	→ 13
---	---	---	------

II.

3	15	7	→ 52
---	----	---	------

III.

8	7	12	→ ?
---	---	----	-----

- A) 56 B) 68 C) 186 D) 372 E) 406

8. I.

6,27	3,73	2	→ 5
------	------	---	-----

II.

1,43	4,57	3	→ 2
------	------	---	-----

III.

8	8	4	→ ?
---	---	---	-----

- A) 4 B) 8 C) 16 D) 32 E) 64

9. I. $5 \leftarrow 25 \rightarrow 2$
II. $3 \leftarrow 243 \rightarrow 5$
III. $7 \leftarrow (?) \rightarrow 3$
- A) 21 B) 49 C) 147 D) 247 E) 343

10. I. $\bullet 613 \rightarrow 497$
II. $\bullet 524 \rightarrow 697$
III. $\bullet 362 \rightarrow 859$
IV. $\bullet 811 \rightarrow ?$
- A) 113 B) 299 C) 322 D) 616 E) 992

11. I. $\blacktriangle 248 \rightarrow 482$
II. $381 \bullet \rightarrow 25$
III. $\blacktriangle 175 \rightarrow 751$
IV. $783 \bullet \rightarrow 59$
V. $(\blacktriangle 762) \bullet \rightarrow ?$
- A) 15 B) 19 C) 20 D) 44 E) 84

12. I. $\blacktriangle 2 \bullet 3 = 10$
II. $\blacktriangle 3 \bullet 5 = 19$
III. $\bullet 5 \blacktriangle 4 = 26$
- $\Rightarrow \bullet 4 \blacktriangle 1 = ?$
- A) 2 B) 3 C) 6 D) 9 E) 15

13. I. $\blacktriangle + \bullet = \blacksquare$
II. $\circ + \blacktriangle = \star \Rightarrow \bullet - \circ + \star - \square = ?$
III. $\square + \bullet = \blacksquare$
- A) \blacktriangle B) \bullet C) \blacksquare D) \circ E) \star

- I. $\triangle + \nabla = \square$
II. $\bullet + \square = \blacksquare$
III. $\triangle + \square = \circ$
IV. $\square + \circ = \star$
V. $\bullet + \circ = \triangle$

14. $\circ + \triangle + \nabla = ?$
- A) \bullet B) \star C) \triangle D) \square E) \blacksquare

15. $\square + \blacksquare + \bullet = ?$
- A) $2 \cdot \blacksquare$ B) $2 \cdot \nabla$ C) $2 \cdot \star$ D) \triangle E) $2 \cdot \circ$

- I. $\square + \blacksquare = \triangle$
II. $\blacksquare + \blacktriangle = \circ$
III. $\blacktriangle + \bullet = \nabla$
IV. $\triangle + \circ = \square$
V. $\circ + \nabla = \blacksquare$
VI. $\nabla + \triangle = \blacktriangle$

16. $\square + \blacksquare + \nabla = ?$
- A) \triangle B) \circ C) \blacktriangle D) ∇ E) \blacksquare

17. $\blacksquare + \blacktriangle + \bullet + \triangle = ?$
- A) \square B) \blacksquare C) \triangle D) \circ E) \bullet

18. $\circ + \triangle + \square - \blacktriangle = ?$
- A) \square B) $2 \cdot (\square + \blacksquare)$ C) $2 \cdot \square$
D) $2 \cdot \blacksquare$ E) \triangle

1. $132 \bullet 26 \rightarrow 53$

II. $196 \bullet 78 \rightarrow 59$

III. $121 \bullet 47 \rightarrow 37$

IV. $223 \bullet 95 \rightarrow ?$

A) 46 B) 52 C) 64 D) 71 E) 84

2. I. $43 \bullet 21 \rightarrow 192$

II. $25 \bullet 13 \rightarrow 114$

III. $34 \bullet 22 \rightarrow 168$

IV. $49 \bullet 32 \rightarrow ?$

A) 186 B) 207 C) 231 D) 243 E) 287

3. I. $42 \blacktriangle \rightarrow 20$

II. $37 \blacktriangle \rightarrow 58$

III. $65 \blacktriangle \rightarrow 61$

IV. $94 \blacktriangle \rightarrow ?$

A) 72 B) 84 C) 89 D) 97 E) 103

4. I. $67 \blacksquare \rightarrow 65$

II. $36 \blacksquare \rightarrow 45$

III. $82 \blacksquare \rightarrow 50$

IV. $97 \blacksquare \rightarrow ?$

A) 48 B) 52 C) 69 D) 74 E) 80

5. I. $87 \bullet \rightarrow 1$

II. $42 \bullet \rightarrow 4$

III. $85 \bullet \rightarrow 9$

IV. $73 \bullet \rightarrow ?$

A) 4 B) 16 C) 21 D) 25 E) 42

6. I. $438 \blacktriangle \rightarrow 4$

II. $956 \blacktriangle \rightarrow 3$

III. $876 \blacktriangle \rightarrow 2$

IV. $396 \blacktriangle \rightarrow ?$

A) 1 B) 2 C) 3 D) 4 E) 5

7. I. $64 \bullet 16 \rightarrow 32$

II. $9 \bullet 36 \rightarrow 18$

III. $81 \bullet 4 \rightarrow 18$

IV. $100 \bullet 49 \rightarrow ?$

A) 3 B) 17 C) 51 D) 70 E) 149

8. I. $64 \blacksquare 27 \rightarrow 7$

II. $216 \blacksquare 125 \rightarrow 11$

III. $8 \blacksquare 343 \rightarrow 9$

IV. $512 \blacksquare 1 \rightarrow ?$

A) 6 B) 8 C) 9 D) 10 E) 12

9. I. $13 \blacktriangle 52 \rightarrow 28$
II. $38 \blacktriangle 47 \rightarrow 121$
III. $45 \blacktriangle 61 \rightarrow 63$
IV. $62 \blacktriangle 70 \rightarrow ?$

A) 15 B) 30 C) 45 D) 56 E) 68

13. I. $39 \bullet 18 \rightarrow 35$
II. $42 \bullet 56 \rightarrow 38$
III. $57 \bullet 92 \rightarrow 53$
IV. $61 \bullet 47 \rightarrow ?$

A) 26 B) 34 C) 48 D) 51 E) 65

10. I. $196 \bullet 64 \rightarrow 26$
II. $49 \bullet 225 \rightarrow 22$
III. $121 \bullet 169 \rightarrow 20$
IV. $81 \bullet 27 \rightarrow ?$

A) 14 B) 16 C) 18 D) 24 E) 28

14. I. $48 \blacktriangle 40 \rightarrow 2$
II. $51 \blacktriangle 24 \rightarrow 3$
III. $129 \blacktriangle 4 \rightarrow 5$
IV. $84 \blacktriangle 20 \rightarrow ?$

A) 1 B) 4 C) 6 D) 7 E) 8

11. I. $62 \blacksquare 41 \rightarrow 12$
II. $95 \blacksquare 87 \rightarrow 4$
III. $73 \blacksquare 91 \rightarrow 32$
IV. $50 \blacksquare 75 \rightarrow ?$

A) 10 B) 17 C) 25 D) 35 E) 125

15. I. $18 \blacksquare 47 \rightarrow 13$
II. $52 \blacksquare 23 \rightarrow 15$
III. $84 \blacksquare 16 \rightarrow 20$
IV. $36 \blacksquare 54 \rightarrow ?$

A) 14 B) 16 C) 18 D) 20 E) 24

12. I. $26 \blacktriangle 38 \rightarrow 8$
II. $82 \blacktriangle 39 \rightarrow 11$
III. $66 \blacktriangle 78 \rightarrow 12$
IV. $81 \blacktriangle 19 \rightarrow ?$

A) 9 B) 10 C) 13 D) 14 E) 15

16. I. $52 \bullet 81 \rightarrow 100$
II. $93 \bullet 75 \rightarrow 64$
III. $31 \bullet 64 \rightarrow 16$
IV. $43 \bullet 95 \rightarrow ?$

A) 1 B) 9 C) 25 D) 36 E) 49

1. $\begin{cases} \bullet - \blacktriangle = 9 \\ \blacktriangle + \blacksquare = 25 \\ \bullet - \blacksquare = 12 \end{cases} \Rightarrow \blacktriangle + \bullet + \blacksquare = ?$

- A) 37 B) 38 C) 42 D) 46 E) 48

2. I. $4 \star 3 = 7$
II. $8 \star 5 = 39$
III. $7 \star 2 = 45$
IV. $9 \star 7 = ?$

- A) 27 B) 29 C) 32 D) 35 E) 37

3. $\begin{matrix} 1 \bullet 9 = 1 & 4 \blacksquare 5 = 14 \\ 2 \bullet 7 = 2 & 3 \blacksquare 7 = 17 \\ 6 \bullet 3 = 3 & \\ (2 \blacksquare 9) \bullet (6 \blacksquare 4) = ? \end{matrix}$

- A) 10 B) 12 C) 14 D) 18 E) 20

4. I. $56254 \bullet \rightarrow 2$
II. $35876 \bullet \rightarrow 1$
III. $15525 \bullet \rightarrow 3$
IV. $82917 \bullet \rightarrow 0$
V. $52535 \bullet \rightarrow ?$

- A) 0 B) 1 C) 2 D) 3 E) 4

5. I. $2 \bullet 18 = 4$
II. $13 \bullet 22 = 7$
III. $6 \bullet 9 = 3$
IV. $19 \bullet 21 = ?$

- A) 5 B) 8 C) 9 D) 10 E) 11

6. I. $3 \square 5 = 14$
II. $2 \square 9 = 15$
III. $8 \square 6 = 30$
IV. $7 \square 4 = ?$

- A) 23 B) 25 C) 28 D) 32 E) 35

7. I. $73 \blacktriangle 39 = 68$
II. $57 \blacktriangle 42 = 30$
III. $89 \blacktriangle 51 = 76$
IV. $96 \blacktriangle 65 = ?$

- A) 43 B) 52 C) 62 D) 68 E) 74

8. I. $70 \bullet 52 = 10$
II. $82 \bullet 40 = 10$
III. $95 \bullet 71 = 10$
IV. $51 \bullet 83 = ?$

- A) 4 B) 6 C) 7 D) 9 E) 10

9. I. $33 \blacksquare 41 = 37$
II. $82 \blacksquare 34 = 58$
III. $75 \blacksquare 27 = 51$
IV. $54 \blacksquare 32 = ?$

A) 39 B) 41 C) 43 D) 47 E) 53

10. I. $136 \blacksquare 247 \rightarrow 23$
II. $381 \blacksquare 582 \rightarrow 27$
III. $674 \blacklozenge 351 \rightarrow 8$
IV. $980 \blacklozenge 257 \rightarrow 3$
V. $(824 \blacksquare 375) \blacklozenge (484 \blacksquare 260) = ?$

A) 3 B) 5 C) 6 D) 8 E) 11

11. I. $4 \blacktriangle 8 = 36$
II. $6 \blacktriangle 6 = 42$
III. $4 \blacktriangle 9 = 40$
IV. $5 \blacktriangle 6 = ?$

A) 28 B) 32 C) 35 D) 40 E) 45

12. I. $8 \bullet 2 = 2$
II. $14 \bullet 6 = 4$
III. $11 \bullet 4 = 3$
IV. $20 \bullet 15 = ?$

A) 5 B) 6 C) 7 D) 8 E) 9

13. I. $32 \blacksquare 7 = 5$
II. $64 \blacksquare 15 = 7$
III. $36 \blacksquare 20 = 4$
IV. $129 \blacksquare 48 = ?$

A) 6 B) 8 C) 9 D) 10 E) 11

14. I. $a \bullet b = \frac{a+b}{a-b}$

II. $a \star b = \frac{a}{b}$

III. $(6 \bullet 3) \star (16 \bullet 8) = ?$

A) $\frac{2}{3}$ B) $\frac{3}{4}$ C) $\frac{3}{2}$ D) $\frac{4}{3}$ E) 1

15. I. $2 \star 4 = 32$
II. $3 \star 2 = 12$
III. $4 \star 3 = 36$
IV. $6 \star 5 = ?$

A) 22 B) 30 C) 60 D) 150 E) 180

16. I. $4 \blacksquare 7 = 21$
II. $8 \blacksquare 9 = 63$
III. $9 \blacksquare 3 = 24$
IV. $3 \blacksquare 9 = ?$

A) 12 B) 15 C) 18 D) 27 E) 54

TAKTİK GROUP

1. I. $27 \oplus 18 = 15$
II. $36 \oplus 24 = 20$
III. $18 \oplus 30 = 16$
IV. $29 \oplus 52 = ?$
- A) 18 B) 22 C) 24 D) 27 E) 30

2. I. $2 \cdot a \blacktriangle b^3 = \frac{a+b}{3}$
II. $a \star b = a^2 - b^2$
III. $(12 \blacktriangle 27) \star (2 \blacktriangle 8) = ?$
- A) 2 B) 8 C) 12 D) 20 E) 21

3. I. $30 \bullet 4 = 19$
II. $22 \bullet 2 = 13$
III. $10 \bullet 10 = 15$
IV. $18 \bullet 1 = ?$
- A) 8 B) 10 C) 14 D) 20 E) 37

4. I. $18 \blacktriangle 18 = 6$
II. $14 \blacktriangle 11 = 5$
III. $42 \blacktriangle 39 = 9$
IV. $62 \blacktriangle 38 = ?$
- A) 4 B) 7 C) 8 D) 10 E) 11

5. I. $(6 \blacktriangle 5) \bullet (8 \blacktriangle 2) = 14$
II. $(9 \bullet 7) \blacktriangle (6 \bullet 1) = 10$
III. $(8 \blacktriangle 4) \bullet (9 \blacktriangle 2) = ?$
- A) 14 B) 25 C) 28 D) 34 E) 46

6. I. $(9 \bullet 6) \blacktriangle (8 \bullet 5) = 14$
II. $(8 \blacksquare 3) \bullet (2 \blacksquare 1) = 33$
III. $(9 \blacktriangle 2) \bullet (6 \blacktriangle 3) = 21$
IV. $(8 \blacktriangle 5) \blacksquare (4 \bullet 5) = ?$
- A) 14 B) 20 C) 23 D) 49 E) 60

7. I. $a \blacktriangle b = a^2 \blacksquare b^2$
II. $a \blacksquare b = \frac{a+b}{a \cdot b}$
III. $4 \blacktriangle 2 = ?$
- A) 2 B) $\frac{3}{4}$ C) $\frac{9}{8}$ D) $\frac{5}{16}$ E) $\frac{7}{15}$

8. I. $a \odot b = b \blacktriangledown (a+b)$
II. $a \blacktriangledown b = \frac{a^2+b^2}{b-a}$
III. $2 \odot 6 = ?$
- A) 20 B) 35 C) 40 D) 50 E) 55

9. I. $24 \bullet 13 = 22$
II. $34 \bullet 25 = 18$
III. $56 \bullet 32 = 48$
IV. $45 \bullet 29 = ?$

A) 24 B) 28 C) 32 D) 36 E) 40

10. I. $2 \diamond 6 = \frac{4}{8} = \frac{1}{2}$
II. $4 \diamond 8 = \frac{4}{12} = \frac{1}{3}$
III. $3 \diamond 5 = \frac{2}{8} = \frac{1}{4}$
IV. $a \diamond b = ?$

A) $\frac{b}{a+b}$ B) $\frac{a}{a+b}$ C) $\frac{a-b}{a+b}$
D) $\frac{b-a}{a+b}$ E) $\frac{a-b}{a-b}$

11. I. $24 \blacktriangle 14 = 30$
II. $12 \blacktriangle 35 = 24$
III. $51 \blacktriangle 60 = 36$
IV. $75 \blacktriangle 28 = ?$

A) 22 B) 40 C) 60 D) 90 E) 120

12. I. $16 \bullet 9 = 14$
II. $21 \bullet 13 = 16$
III. $34 \bullet 20 = 28$
IV. $42 \bullet 18 = ?$

A) 34 B) 40 C) 48 D) 52 E) 60

13. I. $24 \star 40 = 8$
II. $35 \star 14 = 7$
III. $60 \star 21 = 9$
IV. $13 \star 12 = ?$

A) 2 B) 4 C) 5 D) 6 E) 10

14. I. $a \blacktriangle b = 3(a \blacksquare b) + 2$
II. $a \blacksquare b = a^2 - 3b + 4$
III. $5 \blacktriangle 1 = ?$

A) 54 B) 62 C) 74 D) 80 E) 92

15. I. $5 \odot 2 = 12$
II. $3 \odot 2 = 8$
III. $4 \odot 3 = 15$
IV. $6 \odot 5 = ?$

A) 25 B) 30 C) 35 D) 36 E) 42

16. I. $2 \blacktriangle 4 = 32$
II. $5 \blacktriangle 2 = 20$
III. $4 \blacktriangle 3 = 36$
IV. $3 \blacktriangle 5 = ?$

A) 15 B) 28 C) 45 D) 75 E) 80

İŞLEMLER
OPERATIONS

YANIT ANAHTARI | ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	B	A	A	D	A	C	B	E	E	E	A	D	B	E	C

TEST 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	D	D	D	D	E	B	D	D	D	B	B	B	D	B	B

TEST 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	D	C	E	E	C	D	B	D	A	B	D	B	D	B	A

TEST 4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	B	B	B	C	D	C	C	B	A	E	E	C	C	B	E

TEST 5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	C	A	E	D	B	B	C	D	E	B	C	B	C	A	B

TEST 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	D	E	B	E	D	B	D	D	C	C	D	B	B	B	C

TEST 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	A	C	C	D	C	B	A	B	B	C	C	A	E	E	D

TEST 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	B	C	E	C	E	B	E	A	A	B	D	B	C	B	C

TEST 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	B	D	C	A	B	B	B	B	D	E	D	D	C	C	E

TEST 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	B	A	C	A	D	E	C	D	A	D	E	C	D	A	B

TEST 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	E	D	C	B	E	E	C	A	A	C	E	A	E	B	A

TEST 12

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	E	E	A	E	D	E	E	D	D	E	B	A	B	A	C

TEST 13

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	C	D	E	B	B	D	C	C	E	B	B	A	E	E	C

TEST 14

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	B	C	E	A	E	B	B	A	A	D	E	D	E	E	E

TEST 15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	D	E	D	C	E	D	C	D	C	D	C	D	D	C

TEST 16

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	E	A	D	C	C	A	C	B	A	C	B	D	A	E	D

TEST 17

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	C	D	C	C	E	C	A	D	D	D	B	E	C	C	E

TEST 18

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	B	C	C	D	D	B	D	C	E	E	D	C	A	D	C

İŞLEMLER
OPERATIONS

YANIT ANAHTARI | ANSWER KEY

TEST 19

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	E	E	C	A	C	E	C	B	D	B	A	A	A	D	A

TEST 20

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	C	D	E	C	C	C	E	E	C	E	C	A	B	D	C

TEST 21

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	B	B	C	C	D	C	E	D	C	B	C	C	B	C	A

TEST 22

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	A	C	A	A	A	B	D	B	B	E	B	C	C	D	E

TEST 23

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	C	C	C	C	E	C	C	D	B	B	B	C	E	A	B

TEST 24

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	C	B	C	B	A	D	B	E	D	D	C	E	A	A	A

TEST 25

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	D	A	D	E	C	C	E	D	D	D	A	A	C	C	A

TEST 26

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	C	C	A	C	D	B	C	D	B	A	D	C	D	A	A

TEST 27

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	A	C	C	B	D	A	D	B	C	A	C	E	A	C	E

TEST 28

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	E	B	C	E	D	A	D	E	C	C	E	A	A	B

TEST 29

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
D	E	C	E	D	C	B	A	E	B	B	D	B	B	A	C	D	B

TEST 30

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	D	E	B	A	D	C	D	C	A	B	B	B	C	C

TEST 31

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	C	C	D	B	B	C	D	C	B	C	C	C	E	D	C

TEST 32

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	B	B	D	A	C	D	D	C	D	E	C	C	D	C	D

NOTLAR NOTES



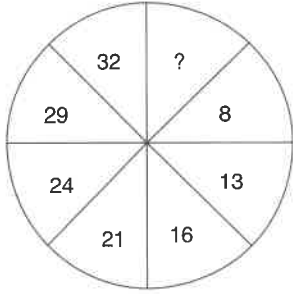
TAKTİK GROUP



SAYI BAĞINTILARI
NUMBER RELATIONS

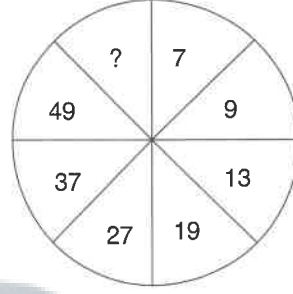
TAKTİK GROUP

1.



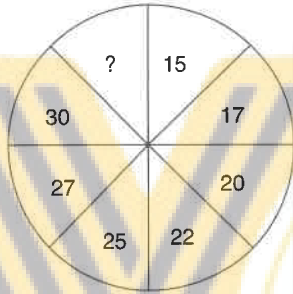
- A) 2 B) 3 C) 4 D) 5 E) 6

5.



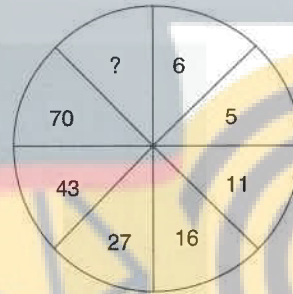
- A) 53 B) 57 C) 59 D) 63 E) 67

2.



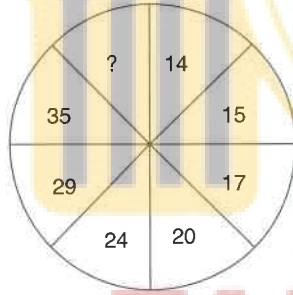
- A) 34 B) 32 C) 36 D) 38 E) 40

6.



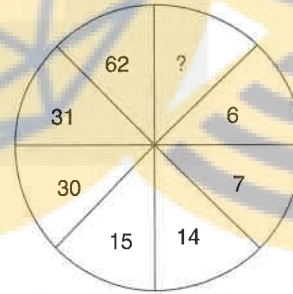
- A) 86 B) 92 C) 96 D) 102 E) 113

3.



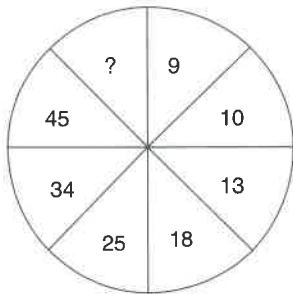
- A) 36 B) 38 C) 39 D) 42 E) 45

7.



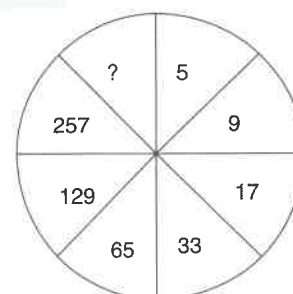
- A) 1 B) 2 C) 3 D) 4 E) 5

4.



- A) 46 B) 52 C) 58 D) 62 E) 64

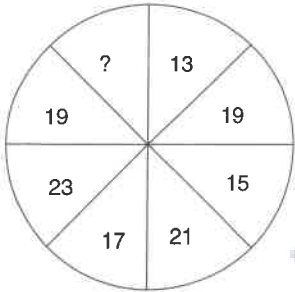
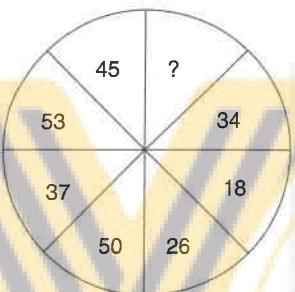
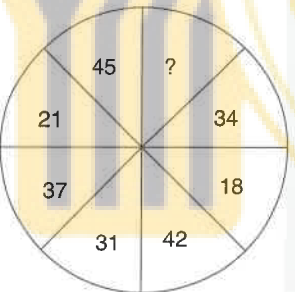
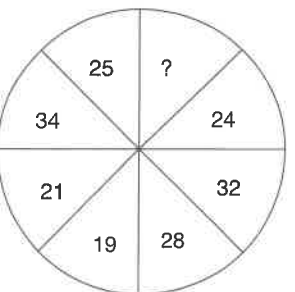
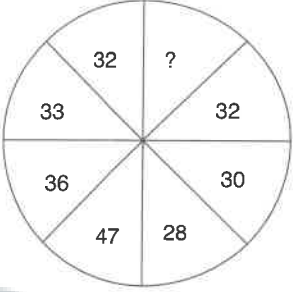

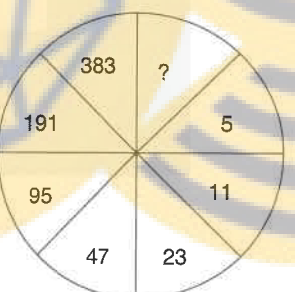
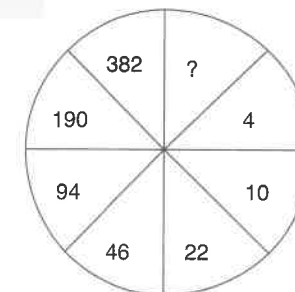
8.



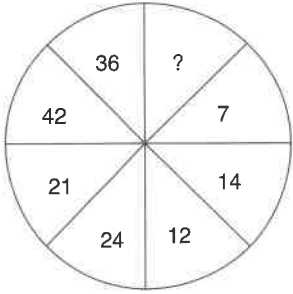
- A) 302 B) 386 C) 420 D) 484 E) 513

NUMBER RELATIONS

TEST 1

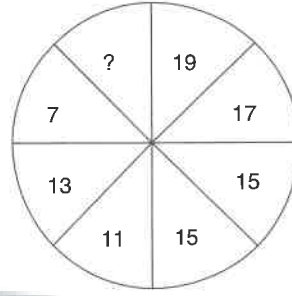
- 9.**  A) 17 B) 21 C) 22 D) 24 E) 25
- 10.**  A) 14 B) 17 C) 19 D) 21 E) 23
- 11.**  A) 14 B) 22 C) 24 D) 26 E) 28
- 12.**  A) 14 B) 16 C) 17 D) 19 E) 22
- 13.**  A) 36 B) 38 C) 43 D) 44 E) 46
- 14.**  A) 8 B) 9 C) 10 D) 11 E) 12
- 15.**  A) 2 B) -1 C) -3 D) 3 E) 4
- 16.**  A) 0 B) 5 C) 2 D) 1 E) 3

1.



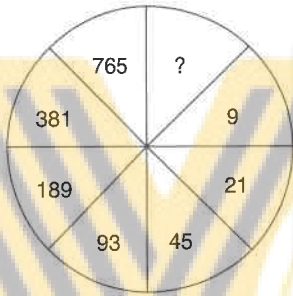
- A) 3 B) 4 C) 5 D) 6 E) 8

5.



- A) 5 B) 7 C) 9 D) 11 E) 13

2.



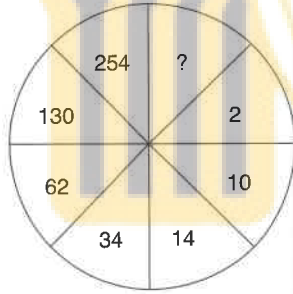
- A) 2 B) 3 C) 4 D) 5 E) 6

6.



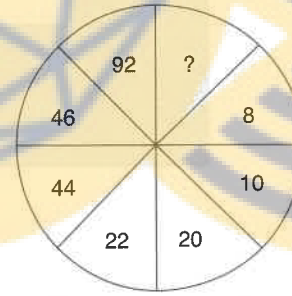
- A) 54 B) 59 C) 64 D) 65 E) 71

3.



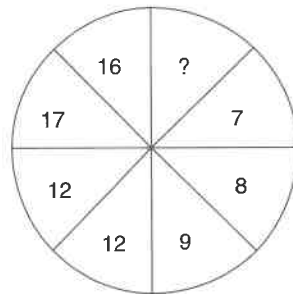
- A) 1 B) 2 C) 3 D) 4 E) 5

7.



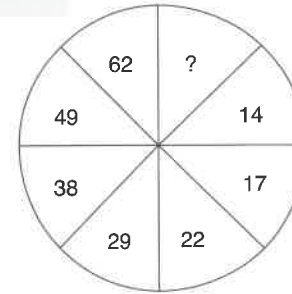
- A) 184 B) 2 C) 96 D) 4 E) 6

4.

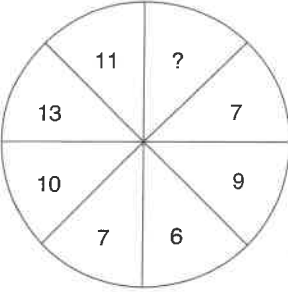
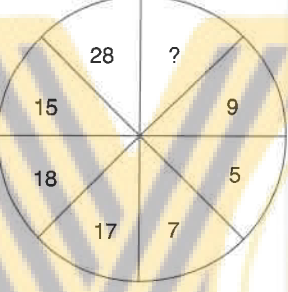
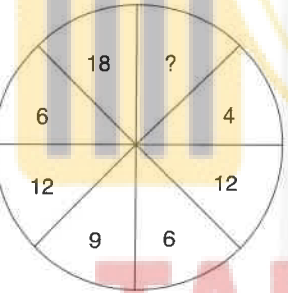
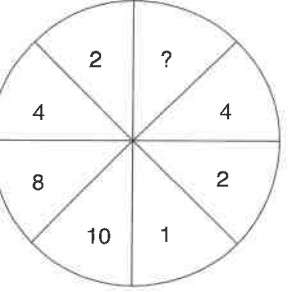
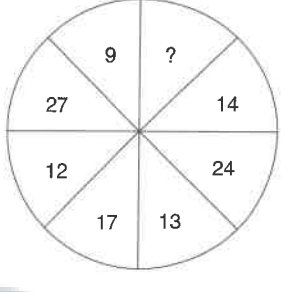
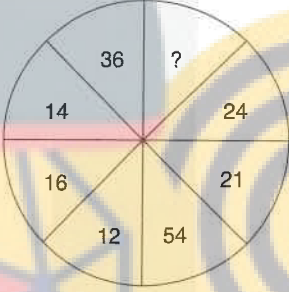

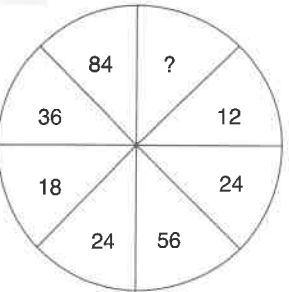


- A) 1 B) 2 C) 3 D) 4 E) 5

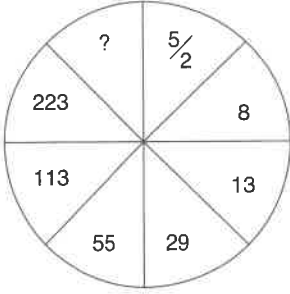
8.



- A) 7 B) 8 C) 13 D) 10 E) 12

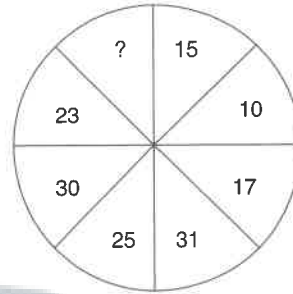
- 9.**  A) 3 B) 4 C) 5 D) 8 E) 9
- 10.**  A) 13 B) 15 C) 17 D) 7 E) 6
- 11.**  A) 6 B) 9 C) 12 D) 15 E) 18
- 12.**  A) 1 B) 2 C) 3 D) 4 E) 5
- 13.**  A) 14 B) 15 C) 16 D) 19 E) 21
- 14.**  A) 14 B) 16 C) 18 D) 24 E) 22
- 15.**  A) 1 B) 2 C) 3 D) 4 E) 5
- 16.**  A) 8 B) 10 C) 16 D) 18 E) 20

1.



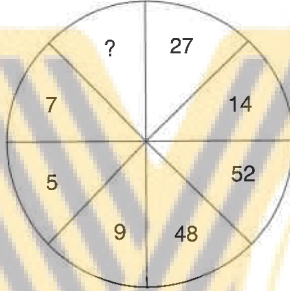
- A) 358 B) 443 C) 449 D) 482 E) 512

5.



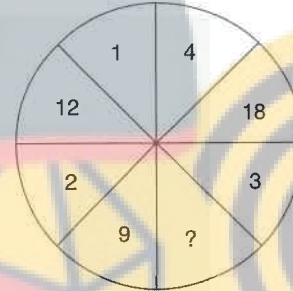
- A) 9 B) 10 C) 19 D) 24 E) 36

2.



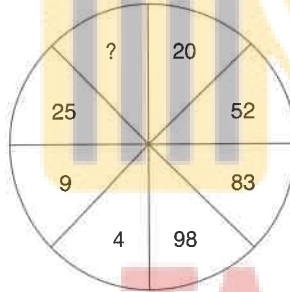
- A) 1 B) 2 C) 4 D) 8 E) 12

6.



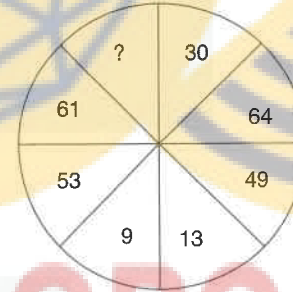
- A) 10 B) 14 C) 24 D) 36 E) 42

3.



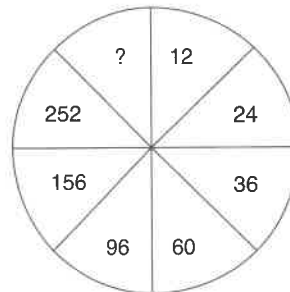
- A) 1 B) 4 C) 16 D) 17 E) 72

7.



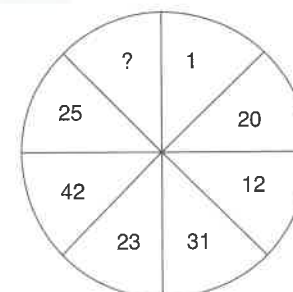
- A) 4 B) 10 C) 16 D) 24 E) 38

4.



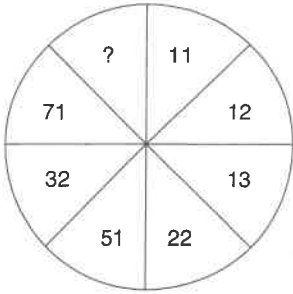
- A) 306 B) 408 C) 512 D) 548 E) 604

8.



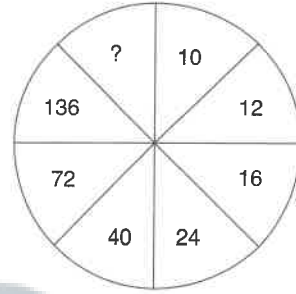
- A) 40 B) 47 C) 51 D) 62 E) 75

9.



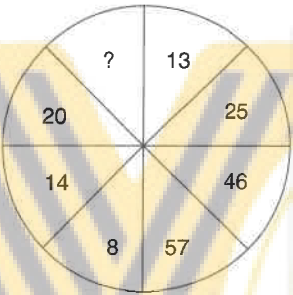
- A) 82 B) 74 C) 62 D) 42 E) 34

13.



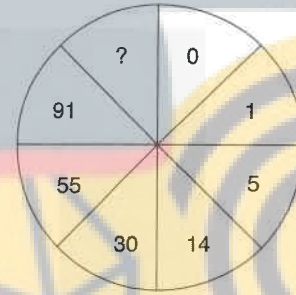
- A) 186 B) 208 C) 225 D) 264 E) 288

10.



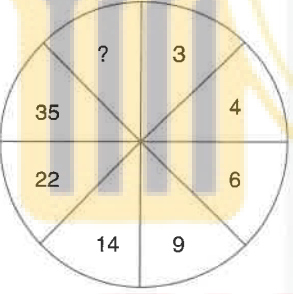
- A) 2 B) 12 C) 24 D) 35 E) 70

14.



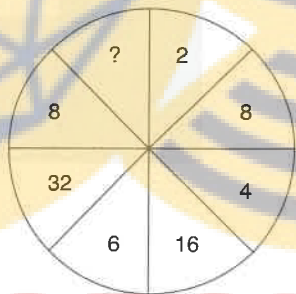
- A) 102 B) 114 C) 121 D) 140 E) 154

11.



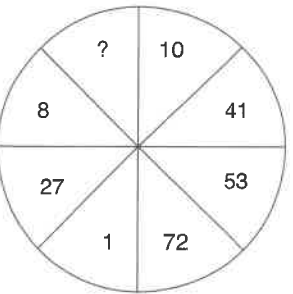
- A) 39 B) 44 C) 49 D) 56 E) 62

15..



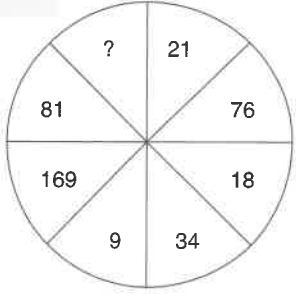
- A) 12 B) 24 C) 36 D) 64 E) 84

12.



- A) 6 B) 15 C) 23 D) 75 E) 125

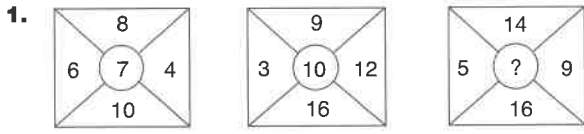
16..



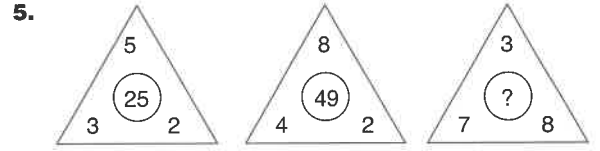
- A) 16 B) 36 C) 49 D) 100 E) 121

SAYI BAĞINTILARI

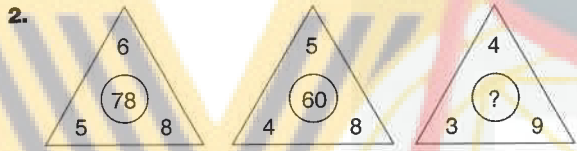
TEST 4



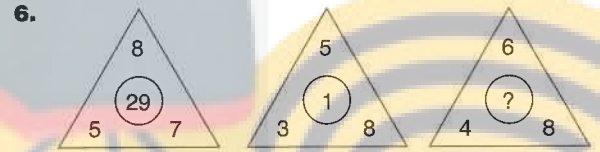
- A) 8 B) 9 C) 11 D) 14 E) 16



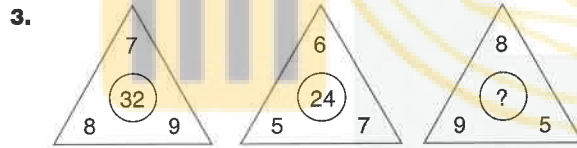
- A) 16 B) 36 C) 64 D) 81 E) 100



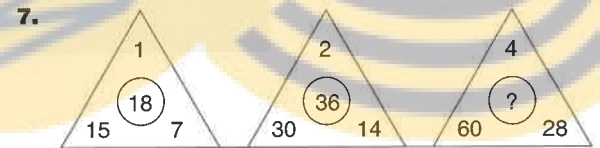
- A) 36 B) 48 C) 54 D) 67 E) 108



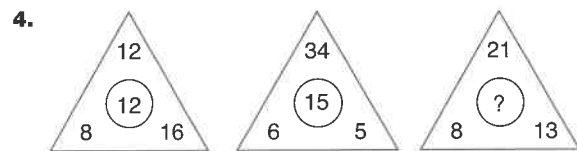
- A) 2 B) 4 C) 18 D) 24 E) 37



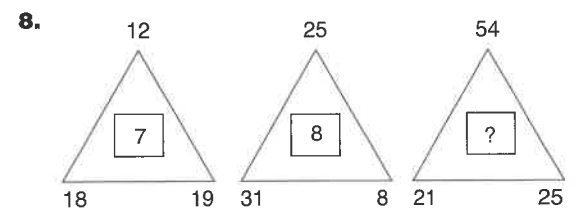
- A) 22 B) 36 C) 50 D) 53 E) 68



- A) 44 B) 58 C) 65 D) 72 E) 84



- A) 9 B) 11 C) 13 D) 14 E) 17



- A) 9 B) 10 C) 11 D) 11 E) 13

NUMBER RELATIONS

TEST 4

9.

A) 2 B) 7 C) 12 D) 18 E) 21

13.

A) 3 B) 6 C) 8 D) 9 E) 11

10.

A) 13 B) 19 C) 21 D) 34 E) 43

14.

A) 12 B) 16 C) 21 D) 25 E) 30

11.

A) 24 B) 36 C) 56 D) 64 E) 72

15.

$\sqrt{3}$	2
4	15
17	288
A	B

$\Rightarrow A + B = ?$

A) 79130 B) 82000 C) 84389
D) 92150 E) 95600

12.

I	II	III	IV	V
308	284	426	558	214
154	142	213	279	107
69	56	34	916	?

A) 11 B) 17 C) 24 D) 34 E) 46

16.

3	2	8
4	1	1
3	3	27
5	2	?

A) 3 B) 10 C) 25 D) 32 E) 50

1.

3	7	10	21
B	9	13	36
12	3	A	36
14	4	18	56

$$\Rightarrow A + B = ?$$

- A) 21 B) 18 C) 19 D) 24 E) 15 A) 17 B) 30 C) 23 D) 27 E) 18

2.

12	4	8	3
21	B	18	7
15	5	10	3
28	4	A	7

$$\Rightarrow A + B = ?$$

- A) 14 B) 21 C) 27 D) 24 E) 28 A) 14 B) 22 C) 28 D) 12 E) 16

3.

56	7	15	8
36	4	13	9
B	5	12	7
26	2	A	13

$$\Rightarrow A + B = ?$$

- A) 24 B) 36 C) 44 D) 50 E) 54 A) 12 B) 25 C) 27 D) 28 E) 38

4.

28	7	4	3
45	B	5	4
39	13	3	10
51	17	A	14

$$\Rightarrow \frac{B}{A} = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

5.

10	7	4	21
15	A	9	36
B	8	11	24
14	17	20	51

$$\Rightarrow A + B = ?$$

6.

18	9	20	16
24	12	26	22
B	7	16	12
26	13	A	24

$$\Rightarrow A - B = ?$$

7.

13	9	16	6
17	B	20	9
24	18	27	15
34	27	A	24

$$\Rightarrow A - B = ?$$

8.

15	17	22	B
14	13	18	42
24	48	A	72
4	6	11	12

$$\Rightarrow A - B = ?$$

- A) 8 B) 13 C) 17 D) 18 E) 21

9.

4	21	7	18
14	51	17	48
B	36	A	33
15	54	18	51

$\Rightarrow A + B = ?$

- A) 18 B) 27 C) 21 D) 42 E) 38

13.

3	12	36	4
2	14	28	B
5	65	325	13
1	3	A	3

$\Rightarrow A + B = ?$

- A) 3 B) 6 C) 9 D) 10 E) 11

10.

7	13	12	21
13	B	24	39
18	35	A	54
20	39	38	60

$\Rightarrow A + B = ?$

- A) 23 B) 25 C) 32 D) 59 E) 49

14.

4	8	16	24
6	18	36	54
12	72	B	216
8	A	64	96

$\Rightarrow B - A = ?$

- A) 16 B) 24 C) 48 D) 84 E) 112

11.

2	7	14	7
3	B	63	42
7	9	A	54
6	12	72	60

$\Rightarrow A - B = ?$

- A) 42 B) 54 C) 63 D) 45 E) 49

15.

9	13	11	12
17	29	23	26
38	18	28	A
21	37	B	33

$\Rightarrow A + B = ?$

- A) 46 B) 48 C) 52 D) 54 E) 63

12.

18	1	16	17
13	2	9	11
24	A	B	18
18	5	8	13

$\Rightarrow A + B = ?$

- A) 12 B) 14 C) 18 D) 28 E) 34

16.

54	36	20	42
27	18	11	24
108	72	39	80
51	A	19	B

$\Rightarrow B - A = ?$

- A) 6 B) 12 C) 15 D) 17 E) 25

1.

4	41	5	81
2	40	6	64
3	B	A	144
1	197	14	225

$$\Rightarrow \frac{B}{A} = ?$$

- A) 7 B) 8 C) 10 D) 11 E) 12 A) 12 B) 13 C) 14 D) 16 E) 18

2.

5	9	14	20
14	18	23	29
22	26	31	37
B	13	A	24

$$\Rightarrow A + B = ?$$

- A) 18 B) 26 C) 39 D) 27 E) 32 A) 100 B) 80 C) 90 D) 75 E) 60

3.

24	7	12	14
42	16	21	32
38	13	A	26
38	B	19	28

$$\Rightarrow A - B = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8 A) 4 B) 5 C) 6 D) 10 E) 22

4.

42	34	14	17
27	24	9	12
39	32	13	16
21	B	7	A

$$\Rightarrow \frac{B}{A} = ?$$

- A) 2 B) 3 C) 4 D) 5 E) 6

5.

14	21	6	23
19	26	11	28
24	31	16	33
A	B	C	38

$$\Rightarrow A + C - B = ?$$

6.

15	10	5	20
25	19	6	24
33	26	7	28
A	35	B	40

$$\Rightarrow 2A + B = ?$$

7.

9	2	3	8
16	2	4	16
64	A	4	81
1	8	B	8

$$\Rightarrow A + B = ?$$

8.

2	10	18	8
7	16	25	9
13	B	47	17
A	37	60	23

$$\Rightarrow B - A = ?$$

- A) 12 B) 14 C) 16 D) 17 E) 19

NUMBER RELATIONS

TEST 6

9.

4	7	12	16
5	8	15	20
7	10	21	28
A	16	B	52

$\Rightarrow B - A = ?$

- A) 22 B) 26 C) 27 D) 28 E) 29

13.

8	A	6	4
24	3	11	8
18	6	9	3
48	4	B	12

$\Rightarrow \frac{B}{A} = ?$

- A) 3 B) 4 C) 6 D) 8 E) 12

10.

2	9	8	19
4	A	4	11
7	9	4	20
7	11	B	19

$\Rightarrow A + B = ?$

- A) 2 B) 3 C) 4 D) 5 E) 8

14.

1	10	8	3
4	65	33	7
2	A	60	8
4	97	B	9

$\Rightarrow A - B = ?$

- A) 3 B) 15 C) 21 D) 26 E) 36

11.

2	12	10	14
5	30	25	35
6	36	30	42
13	78	A	B

$\Rightarrow B - A = ?$

- A) 20 B) 22 C) 26 D) 31 E) 37

15.

2	16	20	4
4	64	67	3
5	A	B	2
4	4	5	1

$\Rightarrow B + A = ?$

- A) 29 B) 32 C) 39 D) 43 E) 52

12.

12	38	14	26
7	A	11	18
11	39	B	28
13	50	24	37

$\Rightarrow A - B = ?$

- A) 8 B) 9 C) 12 D) 14 E) 17

16.

17	25	32	10
14	19	20	13
22	26	A	41
15	B	24	30

$\Rightarrow A + B = ?$

- A) 46 B) 38 C) 20 D) 16 E) 24

1.

7	18	11
6	15	9
13	34	?

- A) 13 B) 17 C) 19 D) 21 E) 24

5.

5	3	13
7	4	18
3	2	?

- A) 14 B) 15 C) 16 D) 7 E) 8

2.

4	13	9
15	22	7
16	?	3

- A) 14 B) 16 C) 19 D) 20 E) 22

6.

4	2	14
1	5	8
7	1	?

- A) 14 B) 18 C) 22 D) 24 E) 28

3.

4	36	9
3	21	7
5	?	11

- A) 44 B) 45 C) 55 D) 65 E) 66

7.

2	6	14
5	7	19
11	3	?

- A) 15 B) 16 C) 17 D) 20 E) 21

4.

18	3	6
51	17	3
42	14	?

- A) 2 B) 3 C) 4 D) 7 E) 8

8.

5	39	17
8	36	14
6	24	?

- A) 7 B) 8 C) 9 D) 11 E) 15

9.

11	3	5
16	7	2
?	6	11

- A) 17 B) 23 C) 26 D) 31 E) 32

13.

3	12	6
3	27	9
16	4	?

- A) 8 B) 16 C) 24 D) 12 E) 36

10.

2	4	3
11	5	8
?	9	11

- A) 8 B) 10 C) 12 D) 13 E) 16

14.

3	4	49
1	3	16
2	7	?

- A) 18 B) 25 C) 48 D) 49 E) 81

11.

7	14	17
13	19	15
?	9	19

- A) 1 B) 8 C) 11 D) 13 E) 15

15.

6	4	12
7	8	28
13	4	?

- A) 18 B) 20 C) 26 D) 24 E) 28

12.

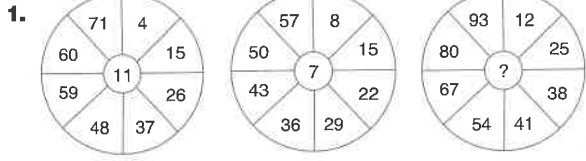
3	4	5
6	8	10
12	5	?

- A) 8 B) 9 C) 10 D) 11 E) 13

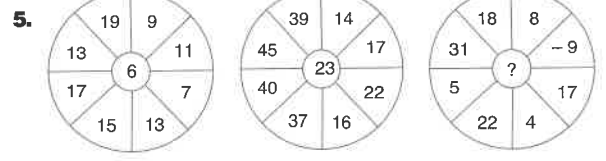
16.

2	6	20
4	8	40
10	4	?

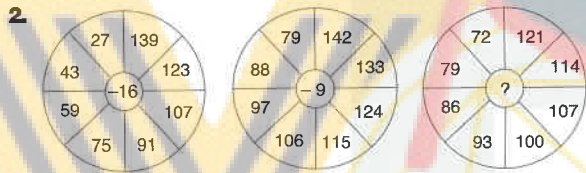
- A) 44 B) 50 C) 52 D) 58 E) 62



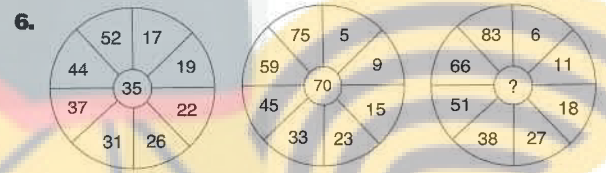
- A) 9 B) 10 C) 11 D) 12 E) 13



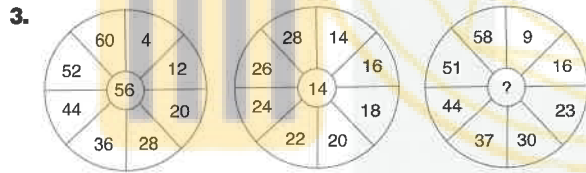
- A) 9 B) 14 C) 15 D) 16 E) 21



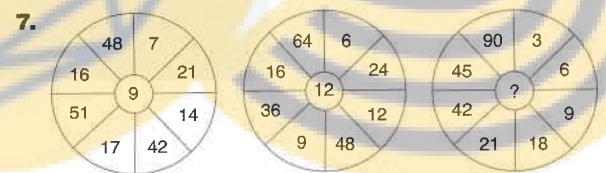
- A) -11 B) -9 C) -7 D) -6 E) -4



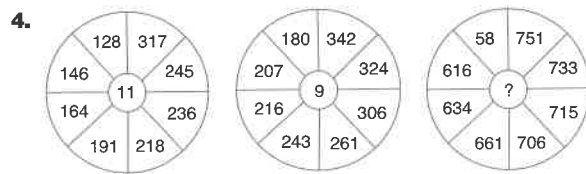
- A) 45 B) 56 C) 64 D) 72 E) 77



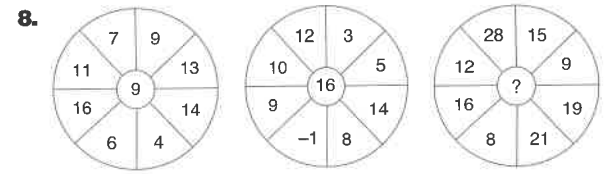
- A) 7 B) 14 C) 24 D) 44 E) 49



- A) 2 B) 3 C) 6 D) 9 E) 12



- A) 8 B) 12 C) 13 D) 14 E) 15

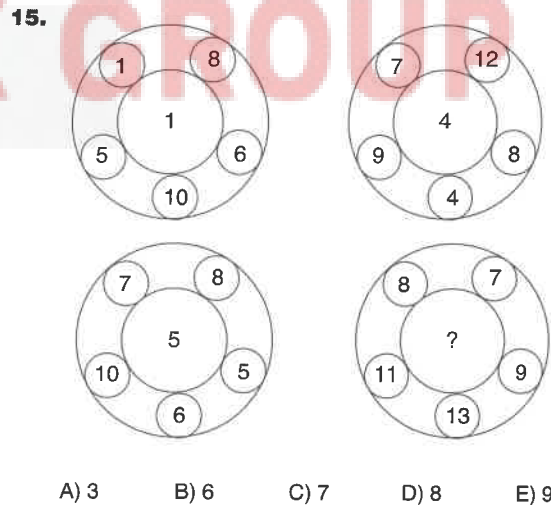
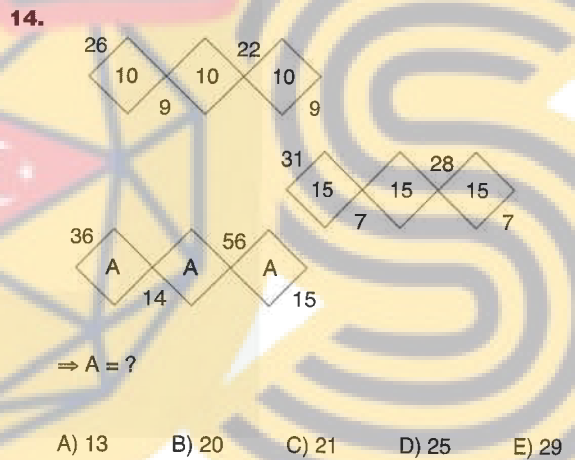
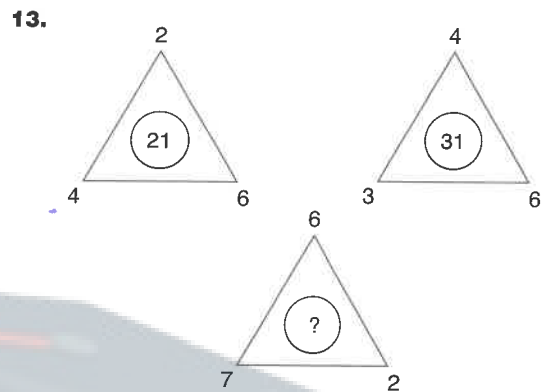
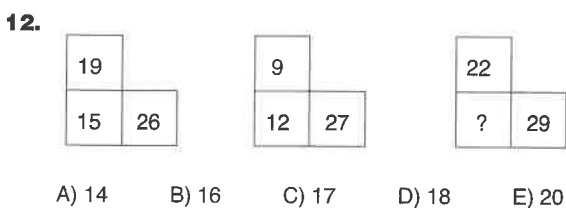
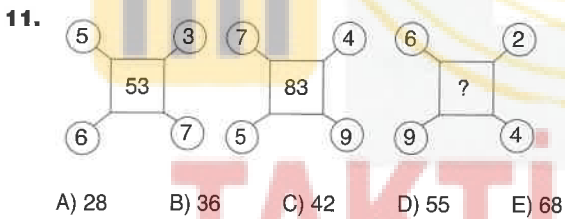
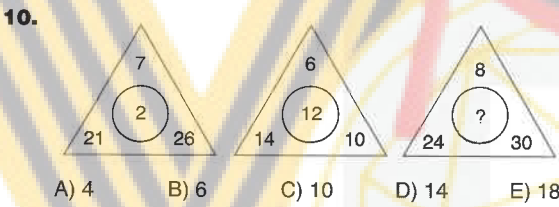


- A) 24 B) 32 C) 36 D) 49 E) 56

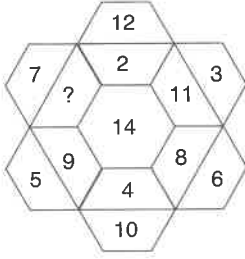
9.

10	1
21	30
50	41
43	61
63	?

- A) 66 B) 71 C) 82 D) 90 E) 93

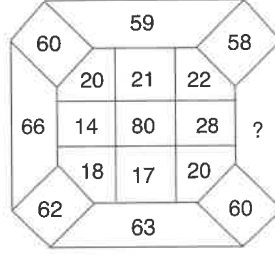


1.



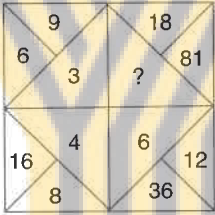
- A) 5 B) 6 C) 7 D) 8 E) 9

4.



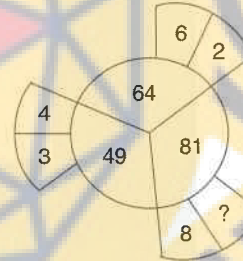
- A) 42 B) 45 C) 62 D) 56 E) 52

2.



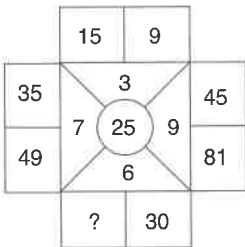
- A) 5 B) 9 C) 7 D) 8 E) 10

5.



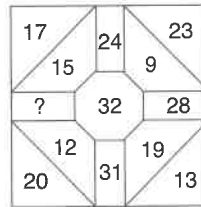
- A) 32 B) 16 C) 9 D) 6 E) 1

3.



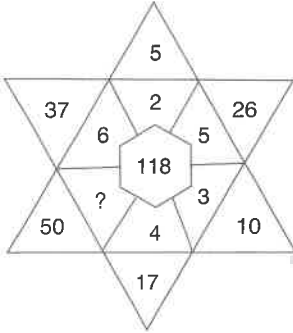
- A) 36 B) 24 C) 18 D) 64 E) 40

6.



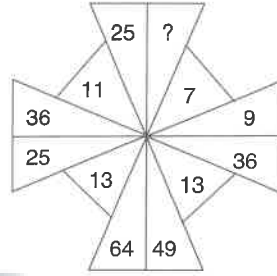
- A) 23 B) 20 C) 16 D) 27 E) 25

7.



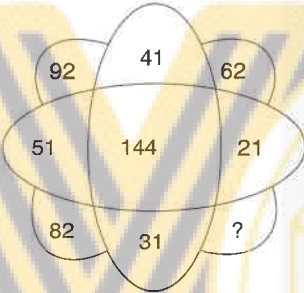
- A) 1 B) 7 C) 8 D) 9 E) 10

11.



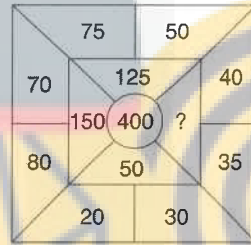
- A) 2 B) 16 C) 8 D) 9 E) 10

8.



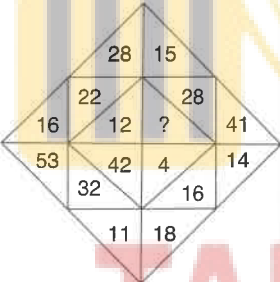
- A) 52 B) 32 C) 22 D) 62 E) 42

12.



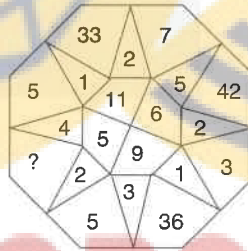
- A) 50 B) 60 C) 65 D) 70 E) 75

9.



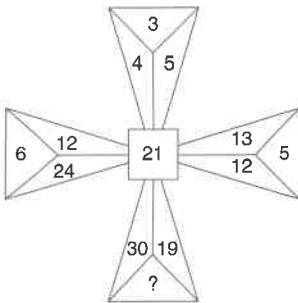
- A) 21 B) 24 C) 26 D) 16 E) 8

13.



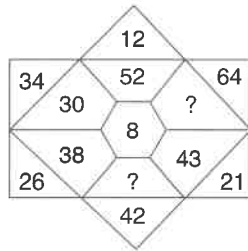
- A) 25 B) 32 C) 24 D) 30 E) 34

10.



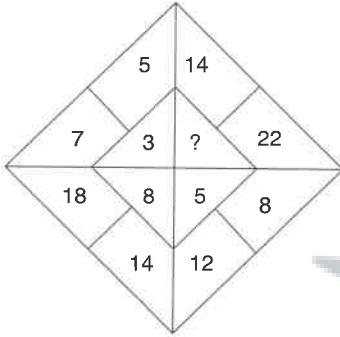
- A) 4 B) 7 C) 2 D) 8 E) 9

14.



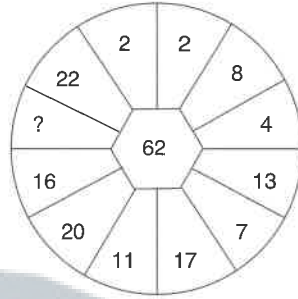
- A) 22,0 B) 2,25 C) 26,2 D) 26,0 E) 28,16

1.



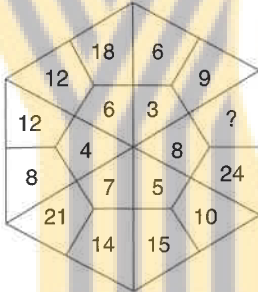
- A) 9 B) 7 C) 6 D) 4 E) 2

4.



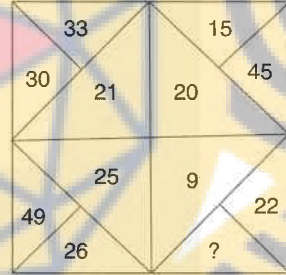
- A) 12 B) 16 C) 18 D) 20 E) 22

2.



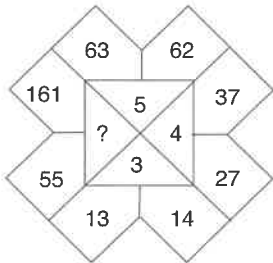
- A) 17 B) 29 C) 26 D) 19 E) 16

5.



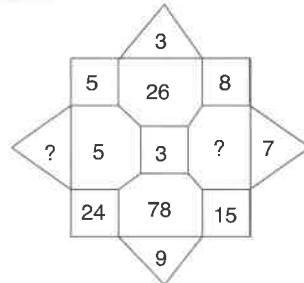
- A) 5 B) 8 C) 12 D) 17 E) 48

3.



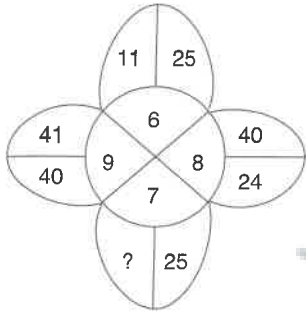
- A) 7 B) 1 C) 8 D) 2 E) 6

6.



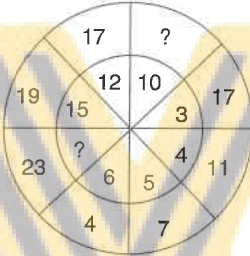
- A) 20,15 B) 21,14 C) 20,14
D) 21,16 E) 21,15

7.



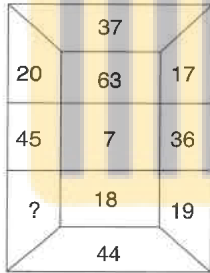
- A) 24 B) 14 C) 21 D) 49 E) 42

8.



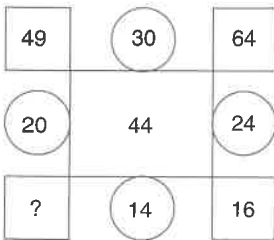
- A) 4,16 B) 36,16 C) 100,20
D) 17,20 E) 16,20

9.



- A) 20 B) 25 C) 15 D) 10 E) 5

10.



- A) 36 B) 81 C) 41 D) 9 E) 25

11.

18	4	6
90	7	15
96	9	12
70	?	14

- A) 6 B) 5 C) 4 D) 7 E) 3

12.



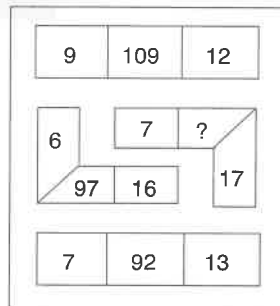
- A) 16 B) 36 C) 64 D) 81 E) 100

13.



- A) 18 B) 20 C) 22 D) 24 E) 26

14.

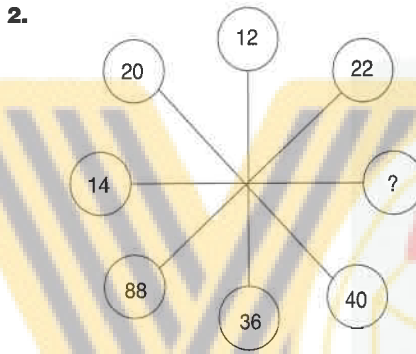


- A) 119 B) 120 C) 121 D) 122 E) 123

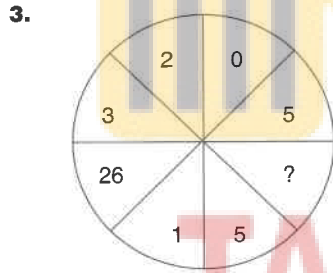
1.

I	II	III	IV	V
26	48	31	70	36
47	89	62	141	?

- A) 54 B) 67 C) 72 D) 108 E) 124



- A) 28 B) 42 C) 56 D) 70 E) 140



- A) 4 B) 9 C) 10 D) 13 E) 16

4.

12	25	20	19
16	30	50	32
21	33	6	?

- A) 14 B) 18 C) 20 D) 28 E) 34

5.

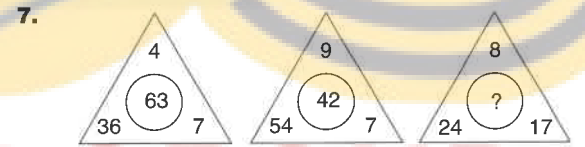
2	7	4	8	23
1	3	9	5	19
5	8	6	2	26
4	9	7	6	?

- A) 23 B) 28 C) 30 D) 32 E) 34

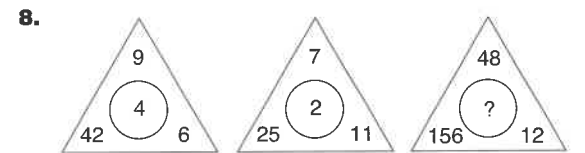
6.

3	4	9	6	28
2	8	5	7	29
6	7	4	9	35
5	2	8	4	?

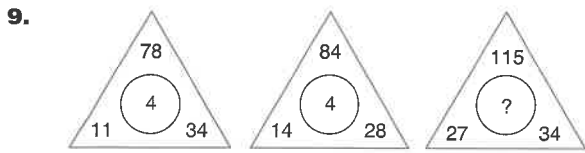
- A) 16 B) 19 C) 21 D) 23 E) 25



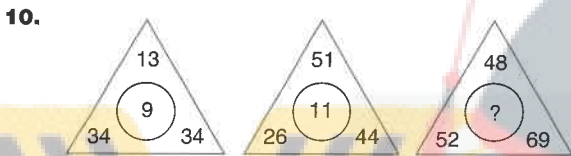
- A) 34 B) 42 C) 51 D) 62 E) 74



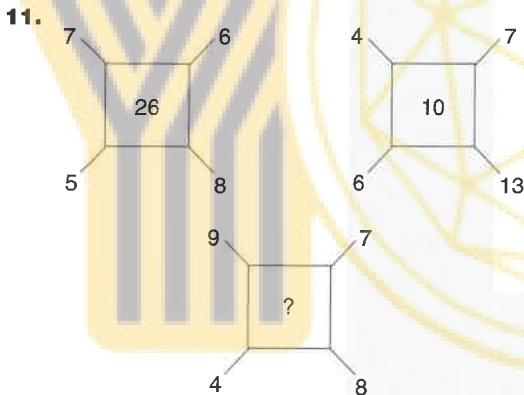
- A) 1 B) 3 C) 5 D) 7 E) 9



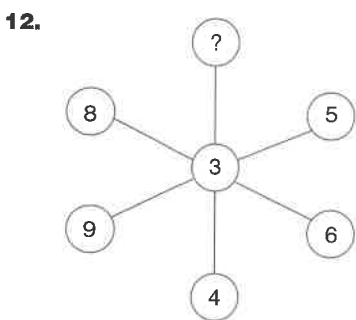
- A) 1 B) 2 C) 3 D) 5 E) 7



- A) 7 B) 8 C) 12 D) 13 E) 15



- A) 25 B) 34 C) 44 D) 51 E) 63



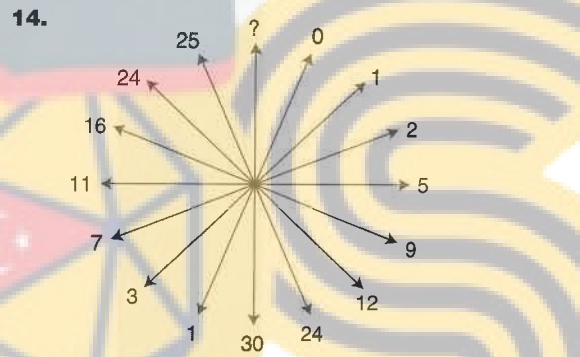
- A) 7 B) 8 C) 9 D) 10 E) 11

13.

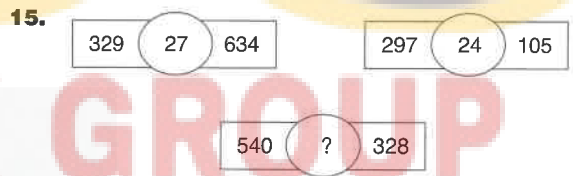
12	5
25	29
51	26
103	10
A	B

$\Rightarrow A + B = ?$

- A) 158 B) 194 C) 210 D) 228 E) 260



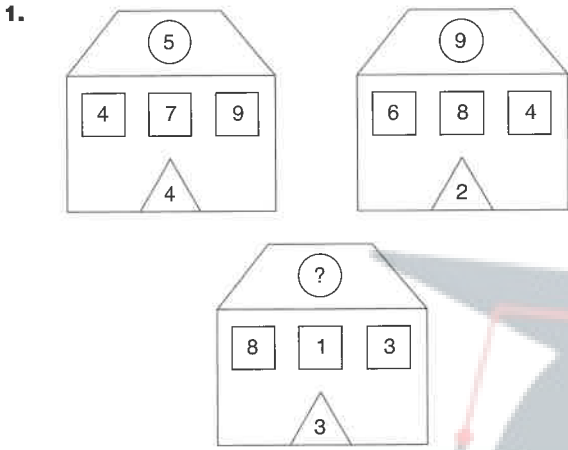
- A) 26 B) 28 C) 30 D) 32 E) 34



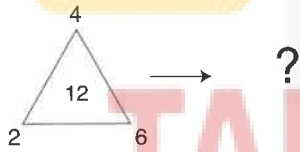
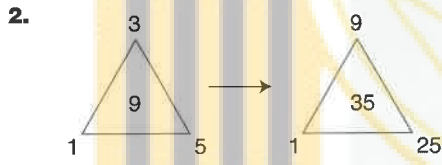
- A) 20 B) 22 C) 24 D) 26 E) 28

16. L = 5
E = 9
F = 7
H = ?

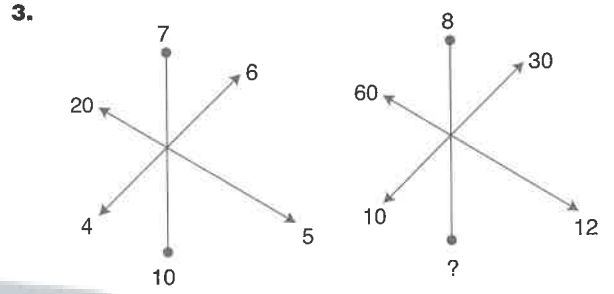
- A) 4 B) 6 C) 8 D) 10 E) 12



- A) 2 B) 4 C) 6 D) 8 E) 10



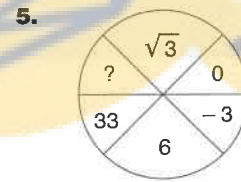
- A) B) C)
- D) E)



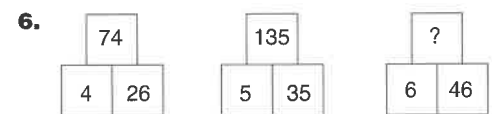
- A) 50 B) 60 C) 70 D) 90 E) 180



- A) 10 B) 15 C) 17 D) 20 E) 25

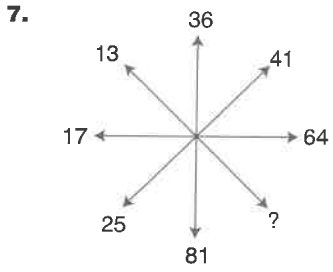


- A) 1086 B) 1090 C) 1100
D) 1200 E) 1204

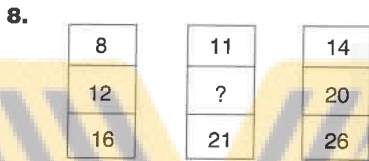


- A) 216 B) 218 C) 224
D) 236 E) 246

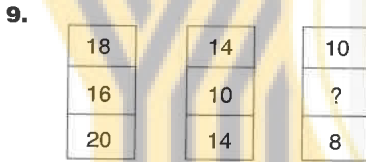
NUMBER RELATIONS



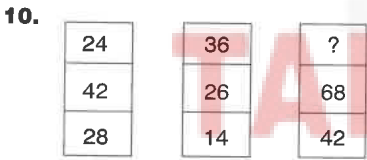
- A) 12 B) 13 C) 14 D) 15 E) 16



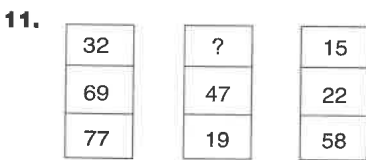
- A) 14 B) 15 C) 16 D) 17 E) 18



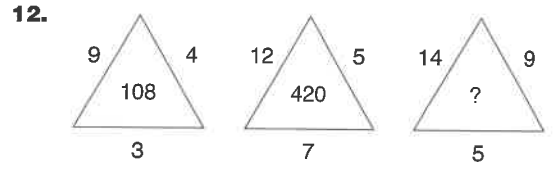
- A) 2 B) 4 C) 8 D) 12 E) 20



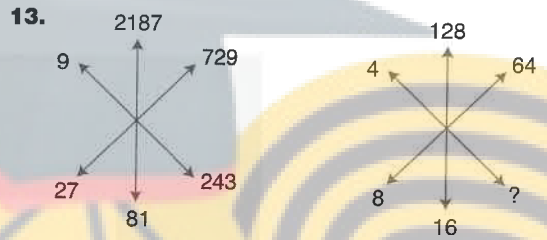
- A) 46 B) 48 C) 56 D) 60 E) 68



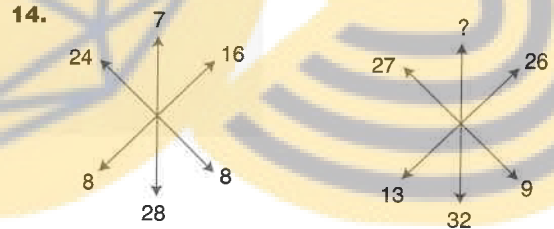
- A) 15 B) 17 C) 19 D) 21 E) 23



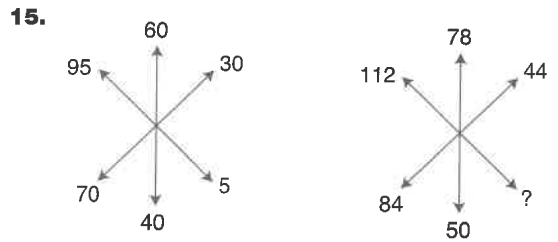
- A) 590 B) 630 C) 950 D) 1620 E) 1712



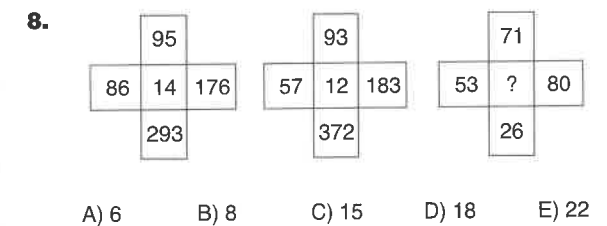
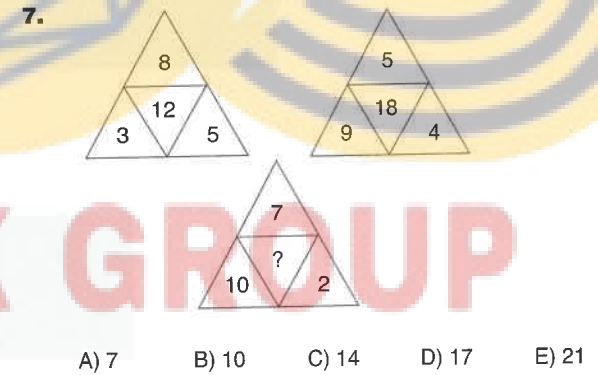
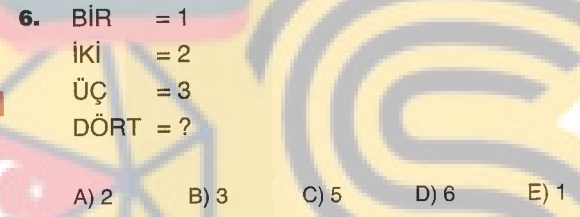
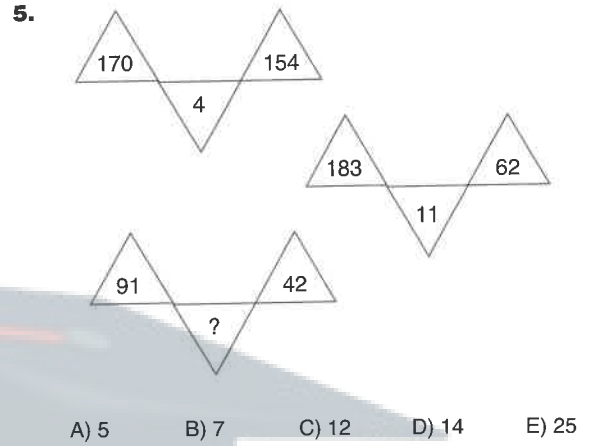
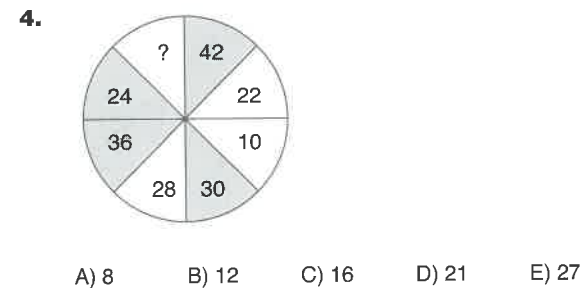
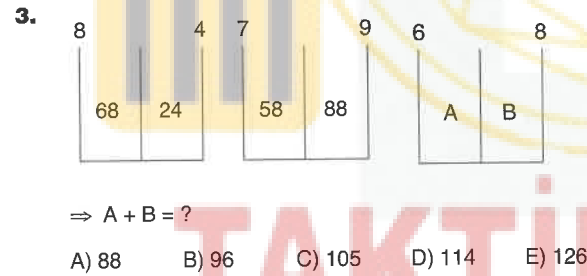
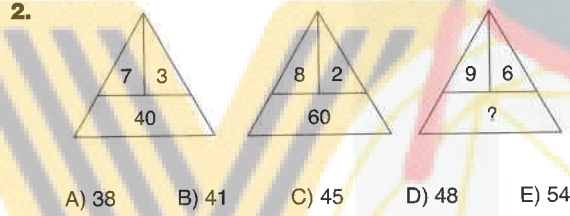
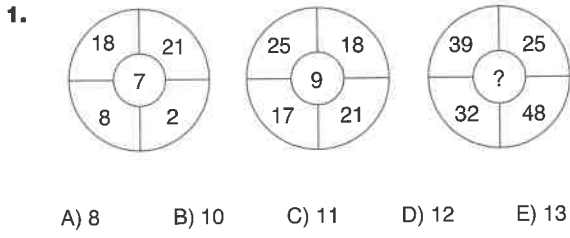
- A) 16 B) 24 C) 28 D) 32 E) 256

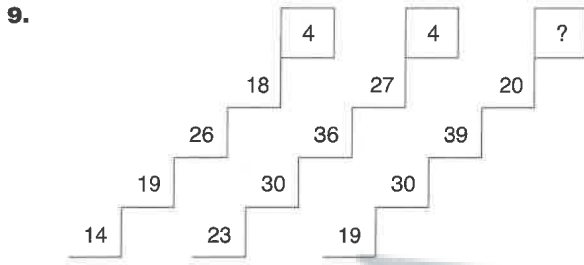


- A) 4 B) 6 C) 8 D) 9 E) 14



- A) 4 B) 12 C) 16 D) 34 E) 62



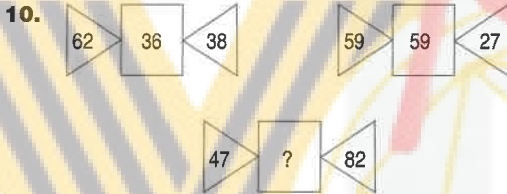


- A) 42 B) 39 C) 21 D) 4 E) 1

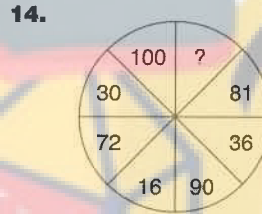
13.

I.	II.
18	27
19	29
23	34
25	37
28	41
29	?

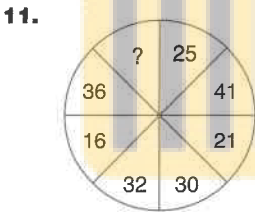
- A) 42 B) 43 C) 44 D) 45 E) 46



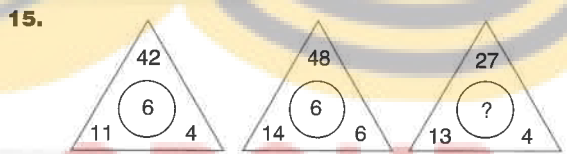
- A) 28 B) 32 C) 38 D) 44 E) 55



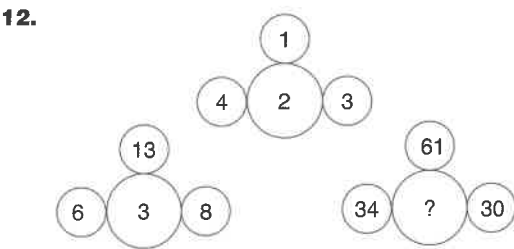
- A) 7 B) 8 C) 12 D) 32 E) 44



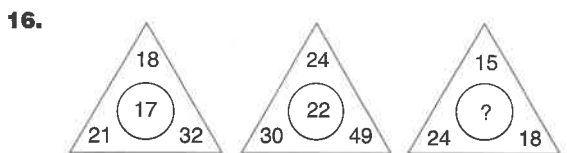
- A) 9 B) 12 C) 18 D) 27 E) 49



- A) 1 B) 3 C) 4 D) 8 E) 9



- A) 1 B) 4 C) 5 D) 7 E) 9



- A) 14 B) 15 C) 18 D) 20 E) 21

1.

I. = $3 \cdot a + 4 \cdot b + 5 \cdot c$

II. = ?

- A) 28 B) 36 C) 42 D) 46 E) 52

2.

I. = $2 \cdot a + 4 \cdot b + 3 \cdot c$

II. = ?

- A) 28 B) 32 C) 38 D) 34 E) 48

3.

I. = $2 \cdot a + 3 \cdot b + \frac{c}{2}$

II. = ?

- A) 18 B) 24 C) 26 D) 32 E) 42

4.

I. = $\sqrt{12a} + \frac{3b}{2} + \frac{c}{4}$

II. = ?

- A) 18 B) 22 C) 26 D) 31 E) 34

5.

I. = $4a + 6b + 8c$

II. = ?

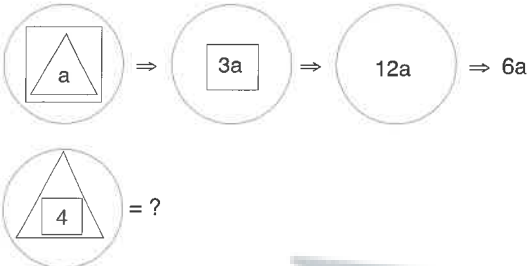
- A) 34 B) 37 C) 44 D) 50 E) 54

6.

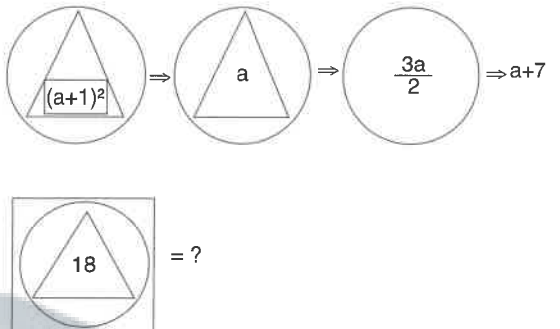
I. = $\frac{\triangle}{a} + \frac{\circ}{c} + \frac{\square}{b}$

II. = ?

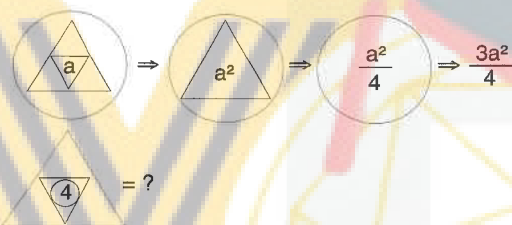
- A) 25 B) 27 C) 36 D) 38 E) 49

7. 

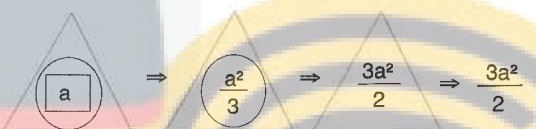
A) 18 B) 24 C) 36 D) 42 E) 48

11. 

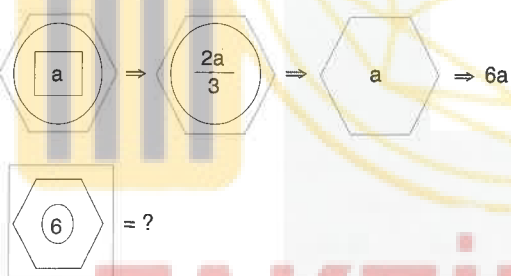
A) 6 B) 4 C) 10 D) 9 E) 14

8. 

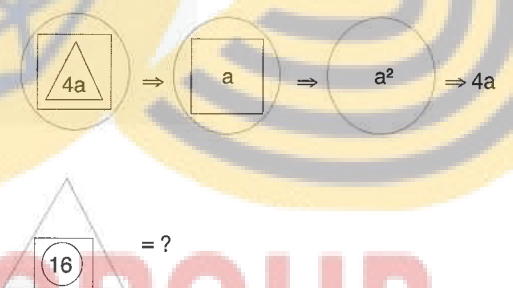
A) 32 B) 34 C) 36 D) 72 E) 84

12. 

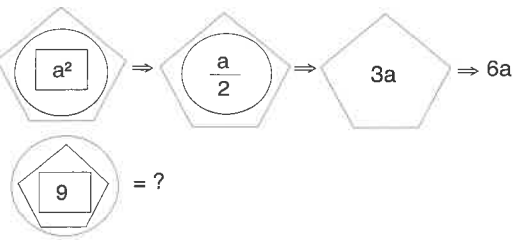
A) 27 B) 36 C) 81 D) 243 E) 141

9. 

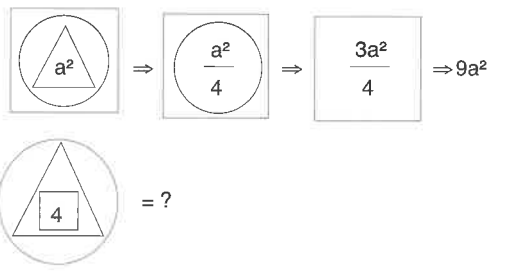
A) 28 B) 32 C) 34 D) 36 E) 40

13. 

A) 36 B) 48 C) 42 D) 54 E) 64

10. 

A) 12 B) 16 C) 18 D) 24 E) 28

14. 

A) 98 B) 48 C) 42 D) 28 E) 36

1.

3	4	13	6	12	8	17	4	23
6	26	39	36	48	?	34	46	

- A) 48 B) 52 C) 54 D) 62 E) 68

2.

17	25	32	37	47	58	71	79	?
9	6	12	?					

- A) 11 , 98 , 18 B) 8 , 95 , 18 C) 12 , 93 , 19
D) 8 , 93 , 18 E) 9 , 95 , 15

3.

4	8	6	12	10	20	?	?
12	18	30	?				
48	120	360					

- A) 16 , 48 , 34 B) 16 , 54 , 36 C) 24 , 54 , 36
D) 18 , 54 , 36 E) 36 , 54 , 24

4.

1	2	4	5	7	8	10	11
5	10	14	19	23	A	B	

$\Rightarrow B - A = ?$

- A) 4 B) 6 C) 8 D) 10 E) 14

5.

11	12	14	18	26	38	62	A
12	15	21	24	30	33	B	

$\Rightarrow (A, B) = ?$

- A) 62 , 22 B) 74 , 39 C) 74 , 24
D) 58 , 26 E) 56 , 18

6.

2	3	4	5	6	8	10	A
7	13	21	31	49	81	B	

$\Rightarrow (A, B) = ?$

- A) 13 , 131 B) 12 , 122 C) 13 , 133
D) 13 , 144 E) 15 , 131

7.

4	5	7	11	19	35	67	A
6	9	15	27	51	99	B	

$\Rightarrow B - A = ?$

- A) 36 B) 49 C) 64 D) 68 E) 72

8.

5	9	15	23	33	45	?
6	11	18	27	38	51	?

- A) 54 , 64 B) 59 , 66 C) 56 , 128
D) 59 , 68 E) 48 , 56

NUMBER RELATIONS

9.

7	12	11	16	15	20	?
5	2	9	6	13	10	?

- A) 18 , 23 B) 21 , 18 C) 19 , 17
D) 23 , 19 E) 19 , 18

10.

2	5	11	23	47	95	191	A
3	7	12	25	48	97	192	B

⇒ (A , B) = ?

- A) 383 , 385 B) 392 , 562 C) 298 , 488
D) 364 , 586 E) 383 , 572

11.

2	5	11	20	32	47	A
7	12	16	27	37	54	B

⇒ (A , B) = ?

- A) 60 , 53 B) 60 , 62 C) 75 , 70
D) 74 , 65 E) 65 , 70

12.

3	4	7	12	19	28	A
5	10	17	26	37	B	

⇒ (A , B) = ?

- A) 48 , 62 B) 50 , 72 C) 36 , 40
D) 38 , 42 E) 39 , 50

13.

2	3	5	8	13	21	A
2	4	6	10	16	B	

⇒ A - B = ?

- A) 4 B) 6 C) 8 D) 12 E) 14

14.

4	6	9	14	21	32	A
1	3	4	7	11	B	

⇒ A + B = ?

- A) 67 B) 65 C) 63 D) 61 E) 60

15.

7	11	19	35	67	131	A
9	15	27	51	99	B	

⇒ A - B = ?

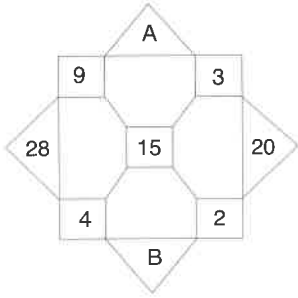
- A) 64 B) 88 C) 92 D) 96 E) 100

16.

1	4	9	61	52	63	94	?
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- A) 46 B) 58 C) 64 D) 81 E) 103

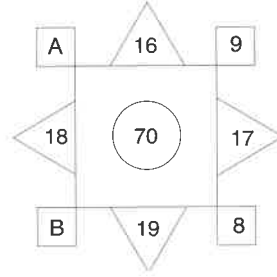
1.



$\Rightarrow A - B = ?$

- A) 4 B) 5 C) 6 D) 9 E) 13

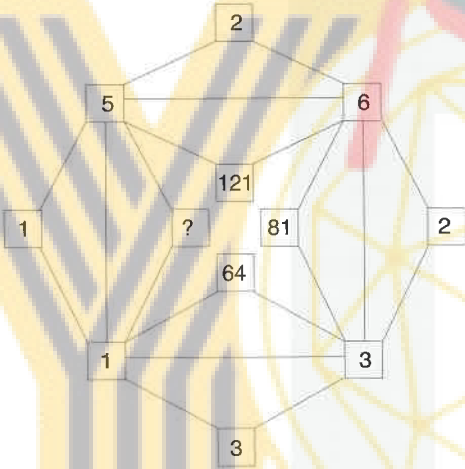
4.



$\Rightarrow A + B = ?$

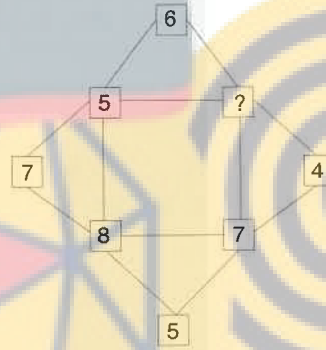
- A) 23 B) 27 C) 18 D) 44 E) 48

2.



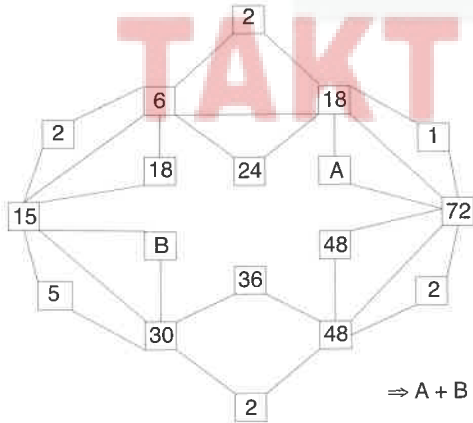
- A) 6 B) 216 C) 12 D) 36 E) 54

5.



- A) 9 B) 10 C) 11 D) 12 E) 13

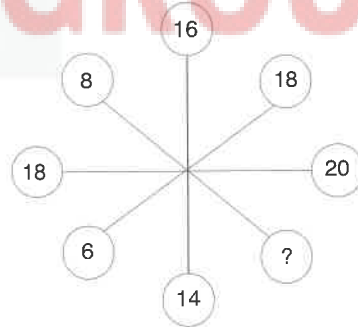
3.



$\Rightarrow A + B = ?$

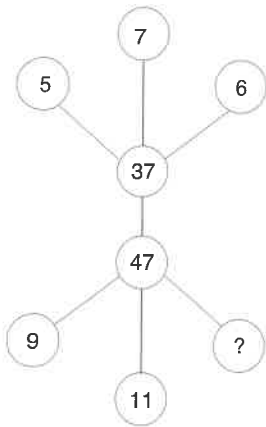
- A) 140 B) 130 C) 129 D) 118 E) 110

6.



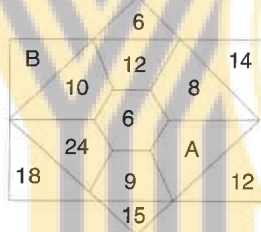
- A) 16 B) 18 C) 22 D) 24 E) 32

7.



- A) 2 B) 4 C) 5 D) 12 E) 14

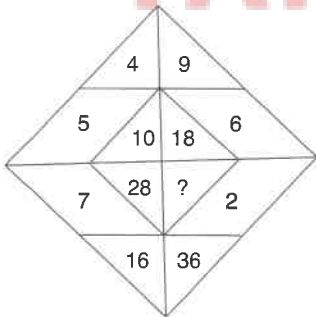
8.



$\Rightarrow A - B = ?$

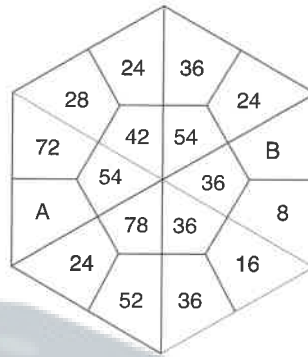
- A) 2 B) 4 C) 5 D) 12 E) 14

9.



- A) 10 B) 16 C) 20 D) 18 E) 12

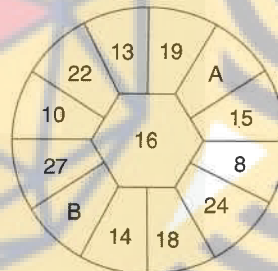
10.



$\Rightarrow A + B = ?$

- A) 48 B) 50 C) 56 D) 61 E) 84

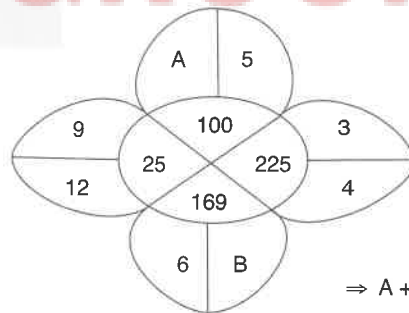
11.



$\Rightarrow A - B = ?$

- A) 8 B) 10 C) 12 D) 13 E) 15

12.



$\Rightarrow A + B = ?$

- A) 12 B) 16 C) 18 D) 20 E) 22

TAKTİK GROUP

1.

7	8
2	4

 =

6	3
9	3

 =

5	4
5	7

 =

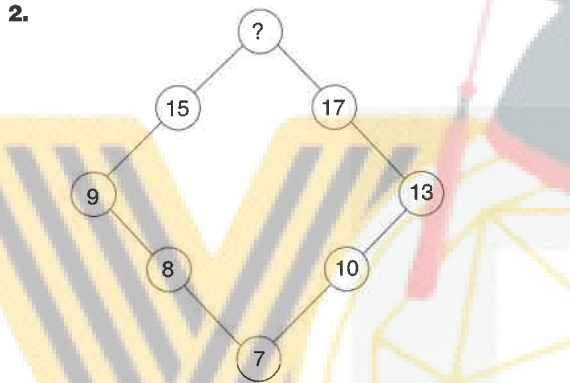
3	1
A	B

 =

6	7
5	C

⇒ A + B + C = ?

- A) 14 B) 16 C) 18 D) 20 E) 22

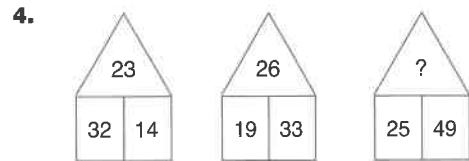


- A) 11 B) 21 C) 24 D) 32 E) 34

3.

1	3	5	6	8	7	
6	16	28	36	?	50	32
2	2	4	3	1	9	

- A) 14 B) 18 C) 24 D) 36 E) 44



- A) 27 B) 29 C) 32 D) 34 E) 37

5.

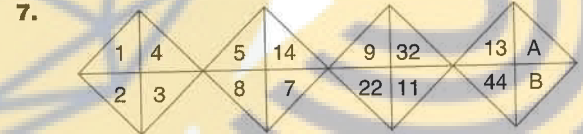
2	7	5	4	6	5
23	19	19	27	?	
8	6	1	9	8	2

- A) 18 B) 21 C) 23 D) 25 E) 28

6.

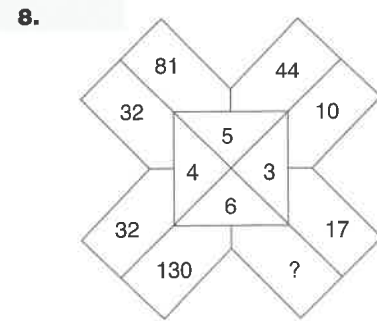
		2	4		
	3	5	6	2	
1	4	12	22	7	5
3	7	24	?	9	2
	4	9	8	7	
		5	1		

- A) 16 B) 18 C) 20 D) 23 E) 25



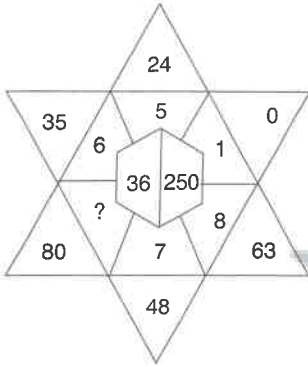
⇒ A + B = ?

- A) 57 B) 63 C) 68 D) 73 E) 77



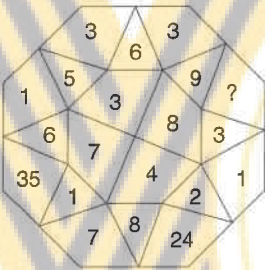
- A) 44 B) 55 C) 73 D) 86 E) 94

9.



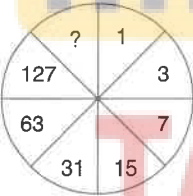
- A) 2 B) 3 C) 4 D) 9 E) 11

10.



- A) 12 B) 26 C) 48 D) 78 E) 96

11.



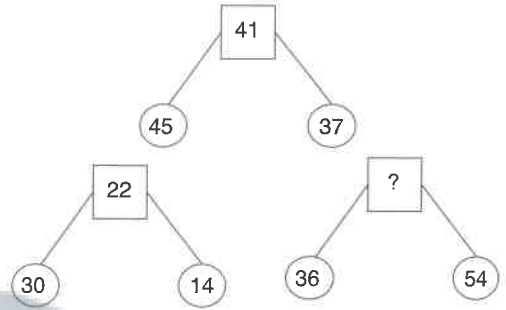
- A) 214 B) 228 C) 232 D) 255 E) 264

12.



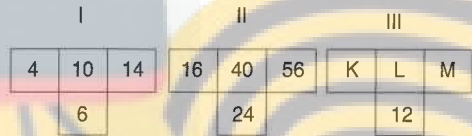
- A) 22 B) 26 C) 27 D) 30 E) 34

13.



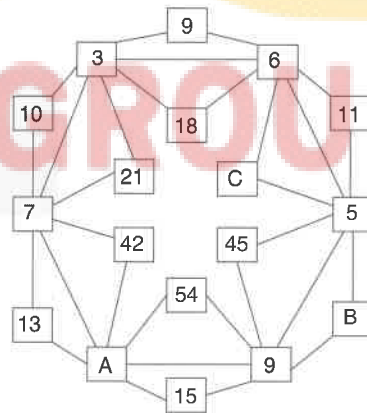
- A) 35 B) 38 C) 42 D) 45 E) 48

14.



- | | | | |
|----|-------|-------|-------|
| | K = ? | L = ? | M = ? |
| | K | L | M |
| A) | 6 | 15 | 30 |
| B) | 8 | 20 | 24 |
| C) | 9 | 20 | 28 |
| D) | 8 | 20 | 28 |
| E) | 9 | 24 | 30 |

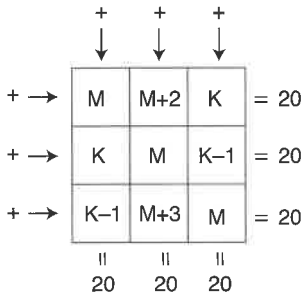
15.



⇒ A + B + C = ?

- A) 38 B) 42 C) 46 D) 50 E) 58

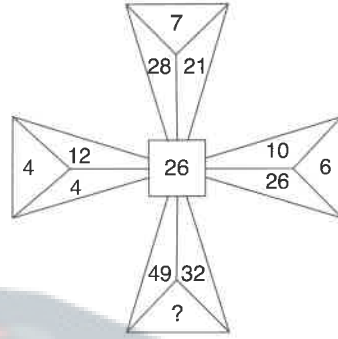
1.



$\Rightarrow K + M = ?$

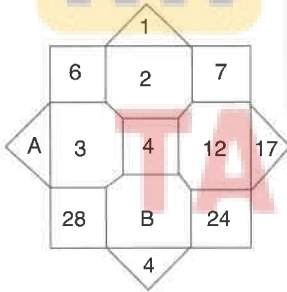
- A) 9 B) 10 C) 11 D) 12 E) 13

3.



- A) 3 B) 5 C) 8 D) 9 E) 11

2.

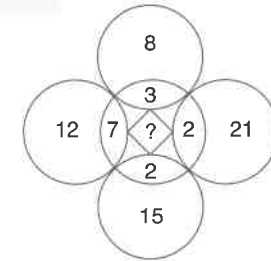
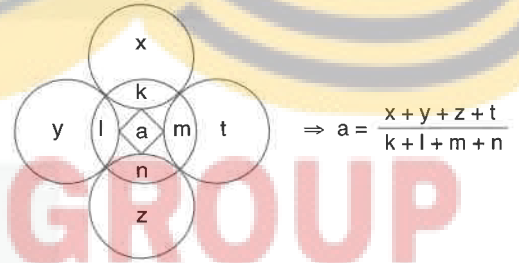


A = ?

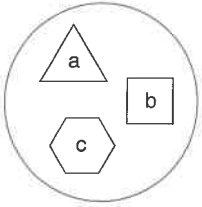
B = ?

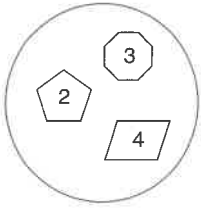
- | | A | B |
|----|----|----|
| A) | 22 | 2 |
| B) | 24 | 8 |
| C) | 22 | 8 |
| D) | 34 | 2 |
| E) | 34 | 16 |

4.









- A) 2 B) 3 C) 4 D) 5 E) 6

5. I.  $\Rightarrow 3 \cdot a + 4 \cdot b + 6 \cdot c$

II.  $\Rightarrow ?$

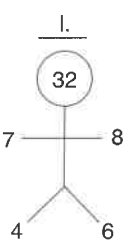
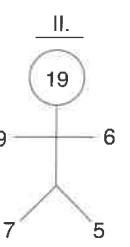
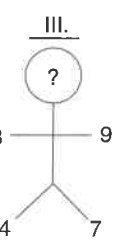
- A) 38 B) 44 C) 50 D) 56 E) 62

6.

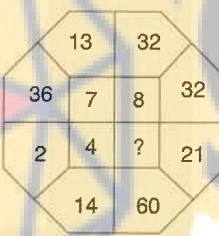
			
	18	22	K
	24	L	22
	M	20	14

$\Rightarrow K + L + M = ?$




- A) 36 B) 44 C) 52 D) 60 E) 78

8. I.  II.  III. 

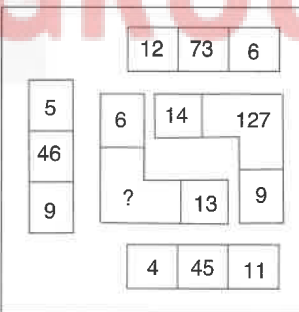
- A) 30 B) 34 C) 38 D) 44 E) 52

9. 

- A) 3 B) 5 C) 6 D) 9 E) 11





7. I.  $\Rightarrow 30$
II.  $\Rightarrow 30$
III.  $\Rightarrow ?$

- A) 26 B) 28 C) 32 D) 46 E) 50

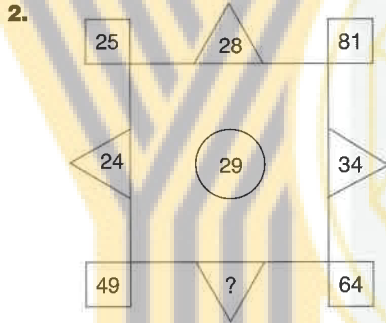
10. 

- A) 28 B) 34 C) 49 D) 62 E) 79

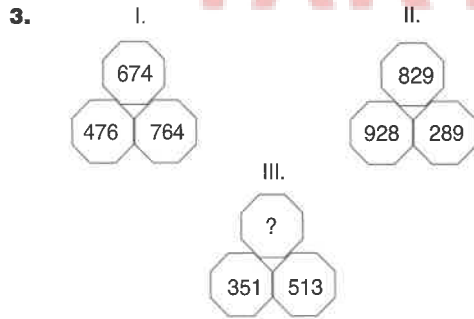
TAKTİK GROUP

1. I.  = 9
II.  = 16
III.  = 4
IV.  = ?

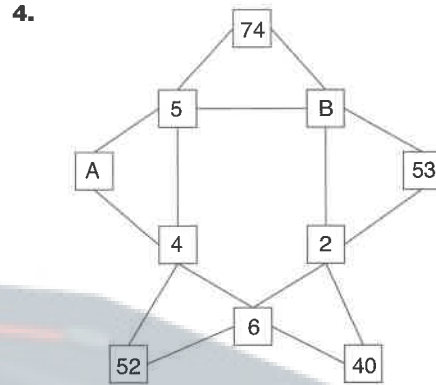
A) 1 B) 5 C) 10 D) 16 E) 25



A) 15 B) 18 C) 21 D) 30 E) 34



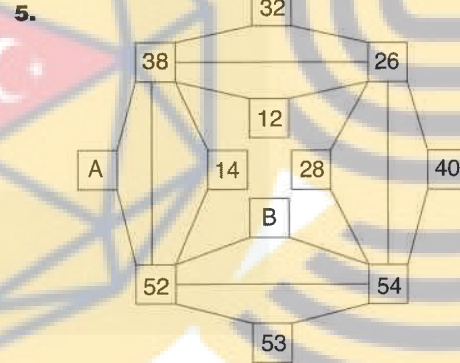
A) 135 B) 315 C) 153 D) 531 E) 351



⇒ A + B = ?

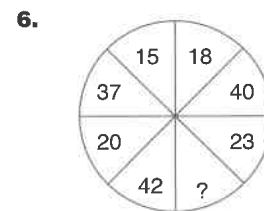
A) 39 B) 44 C) 48 D) 52 E) 56

PUZUYAYINLARI

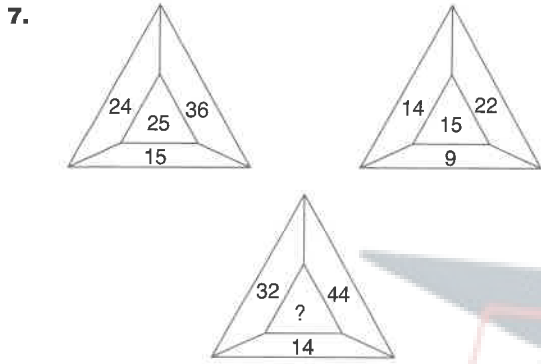


⇒ A + B = ?

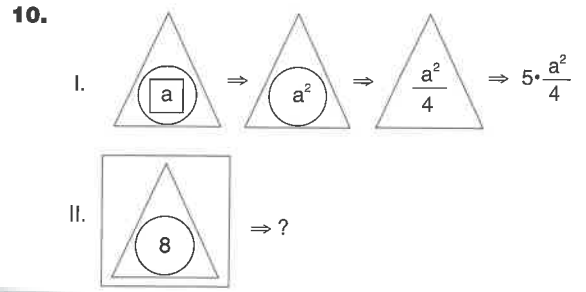
A) 39 B) 43 C) 47 D) 52 E) 65



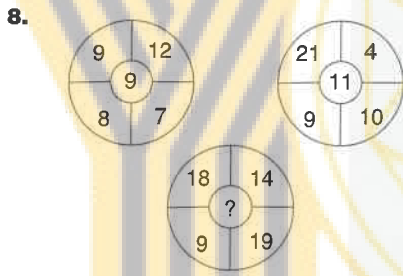
A) 36 B) 38 C) 40 D) 42 E) 45



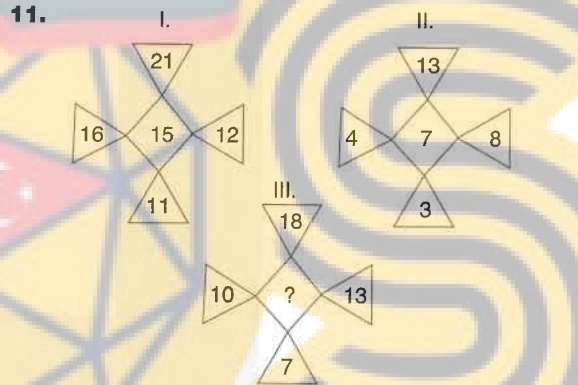
- A) 18 B) 21 C) 24 D) 30 E) 34



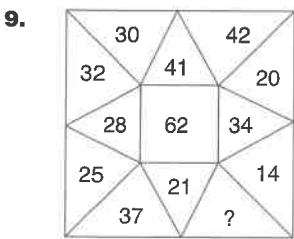
- A) 1 B) 25 C) 30 D) 64 E) 100



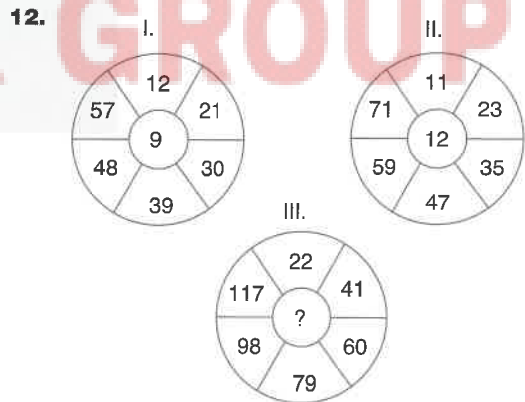
- A) 12 B) 14 C) 15 D) 17 E) 19



- A) 9 B) 10 C) 11 D) 12 E) 14



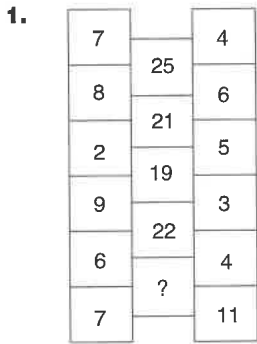
- A) 26 B) 32 C) 48 D) 54 E) 58



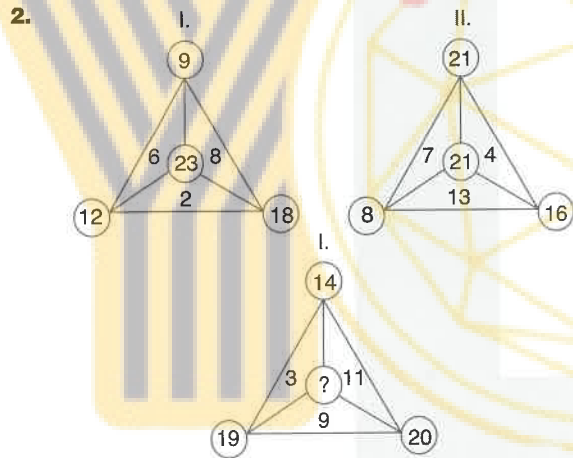
- A) 8 B) 9 C) 13 D) 19 E) 24

TAKTİK GROUP

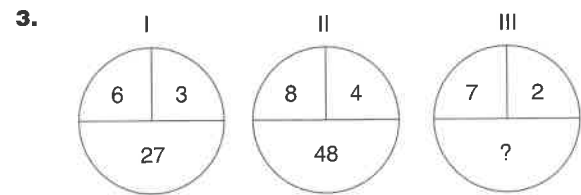
SAYI BAĞINTILARI



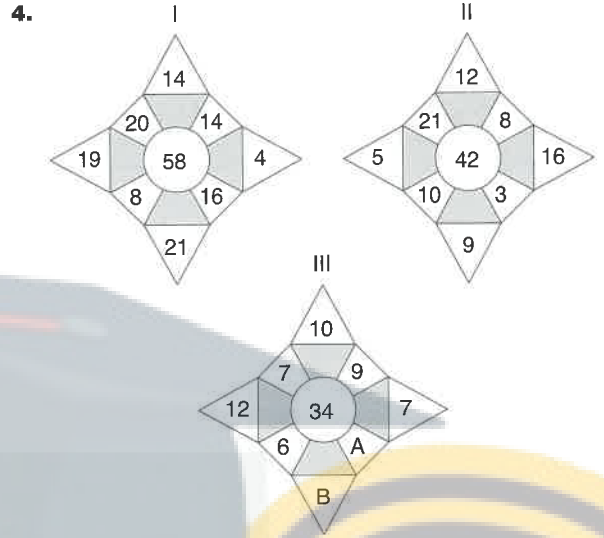
- A) 18 B) 20 C) 23 D) 25 E) 28



- A) 22 B) 24 C) 26 D) 28 E) 30

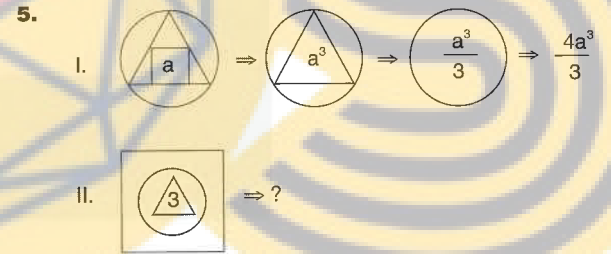


- A) 34 B) 38 C) 40 D) 45 E) 48

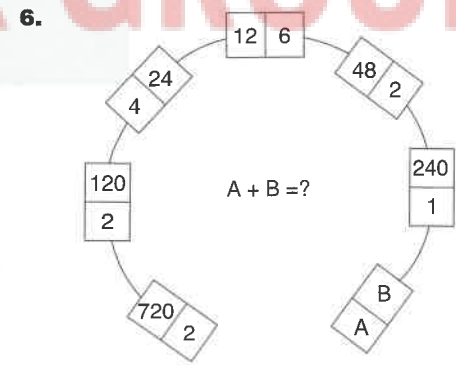


⇒ A + B = ?

- A) 8 B) 12 C) 17 D) 19 E) 23

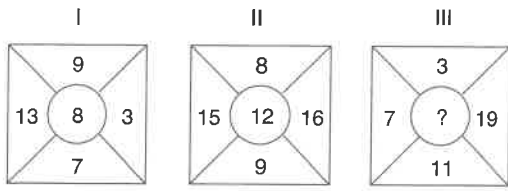


- A) 1 B) 8 C) 48 D) 64 E) 125



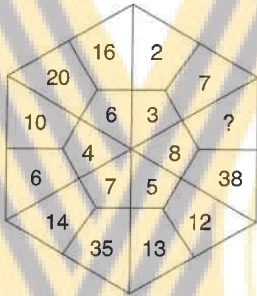
- A) 719 B) 856 C) 934 D) 1339 E) 1441

7.



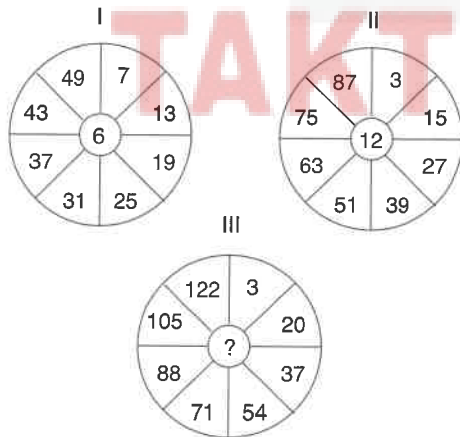
- A) 6 B) 9 C) 10 D) 11 E) 14

8.



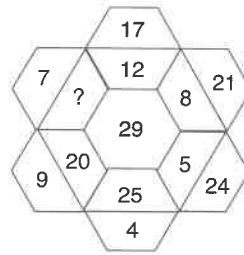
- A) 17 B) 29 C) 26 D) 19 E) 16

9.



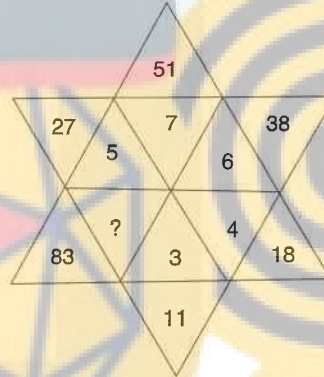
- A) 9 B) 11 C) 14 D) 17 E) 21

10.



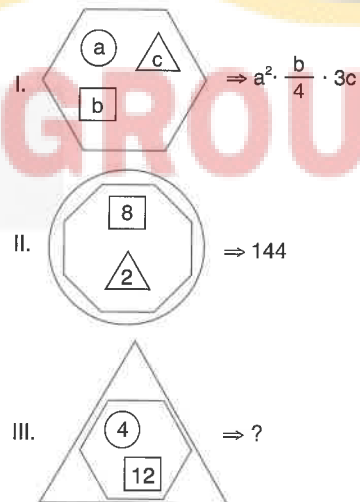
- A) 16 B) 19 C) 20 D) 22 E) 24

11.



- A) 2 B) 8 C) 9 D) 10 E) 12

12.

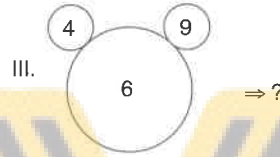
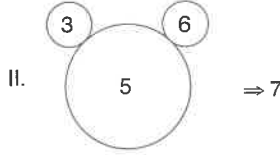
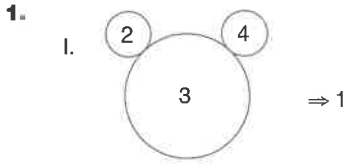


I. $\Rightarrow a^2 \cdot \frac{b}{4} \cdot 3c$

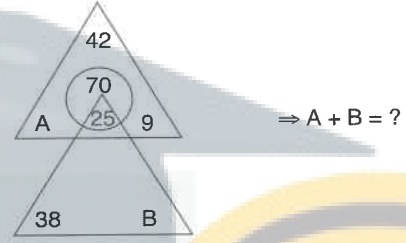
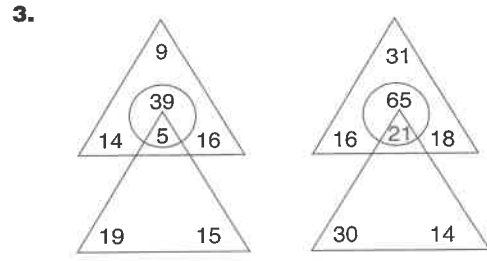
II. $\Rightarrow 144$

III. $\Rightarrow ?$

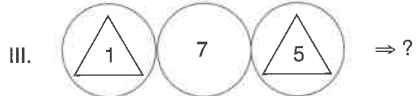
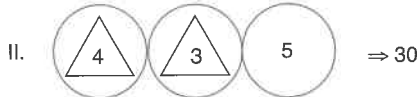
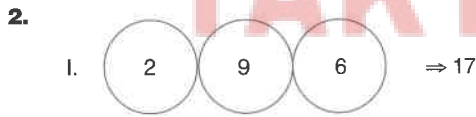
- A) 84 B) 121 C) 144 D) 169 E) 183



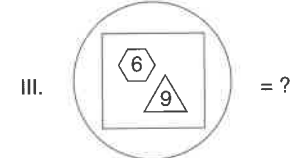
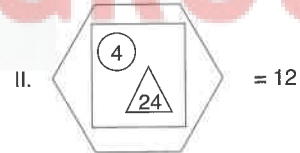
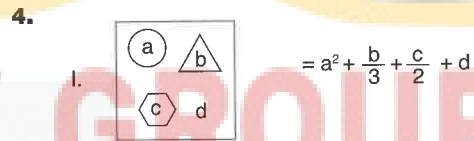
- A) 0 B) 3 C) 5 D) 8 E) 11



- A) 19 B) 26 C) 36 D) 42 E) 42

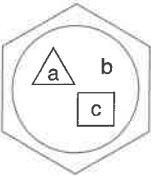


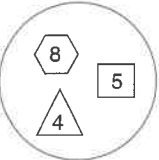
- A) 24 B) 27 C) 29 D) 30 E) 33

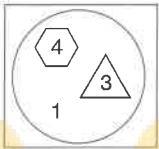


- A) 16 B) 25 C) 36 D) 49 E) 64

5.

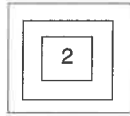
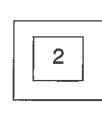

I.  = $\frac{3a + b + c^2}{2}$

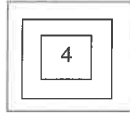
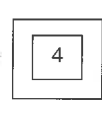

II.  = 41

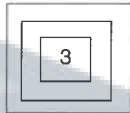
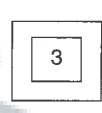

III.  = ?

- A) 36 B) 64 C) 78 D) 121 E) 144

7.


I.  +  +  $\Rightarrow 8 + 4 + 2 = 14$

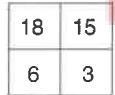
II.  +  +  $\Rightarrow 84$


III.  +  +  $\Rightarrow ?$

- A) 28 B) 34 C) 39 D) 42 E) 48

6.

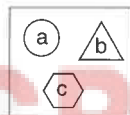
I.  $\Rightarrow 1 + 3 + 5 + 6 = 15$


II.  $\Rightarrow 1 + 2 + 6 + 5 = 14$

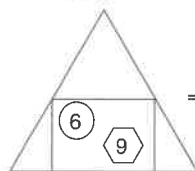
III.  $\Rightarrow ?$

- A) 18 B) 20 C) 24 D) 27 E) 32

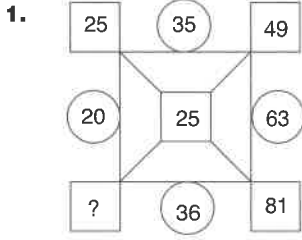
8.

I.  $\Rightarrow a^2 \cdot 3b \cdot \frac{1}{c} = \frac{a^2 \cdot 3b}{c}$

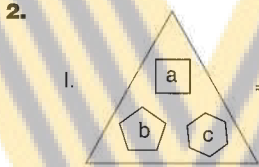
II.  $\Rightarrow 4$

III.  $\Rightarrow ?$

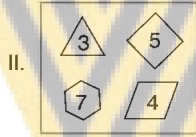
- A) 8 B) 12 C) 16 D) 20 E) 24



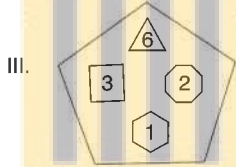
- A) 4 B) 16 C) 34 D) 46 E) 64



$\Rightarrow 3 \cdot (4 \cdot a + 5 \cdot b + 6 \cdot c)$

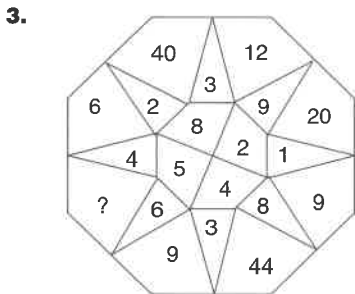


$\Rightarrow 4 \cdot (3 \cdot 3 + 5 \cdot 4 + 7 \cdot 6 + 4 \cdot 4) = 348$

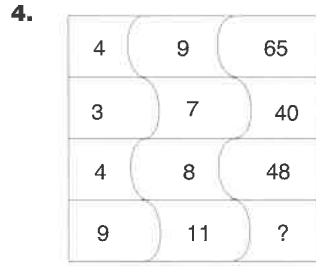


$\Rightarrow ?$

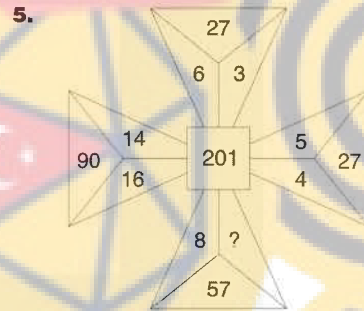
- A) 224 B) 232 C) 254 D) 260 E) 296



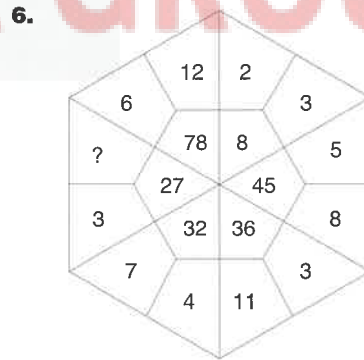
- A) 38 B) 42 C) 46 D) 50 E) 64



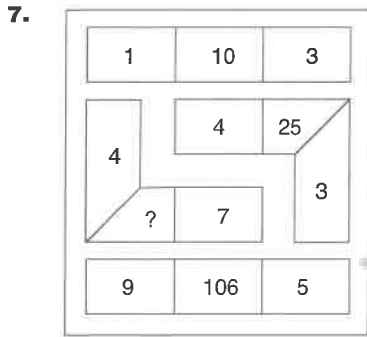
- A) 42 B) 40 C) 56 D) 32 E) 62



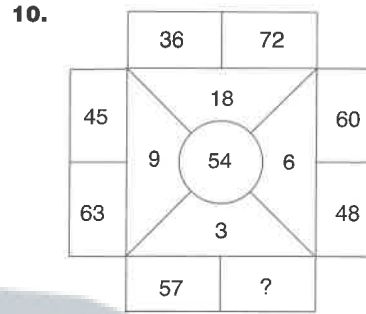
- A) 7 B) 9 C) 11 D) 13 E) 15



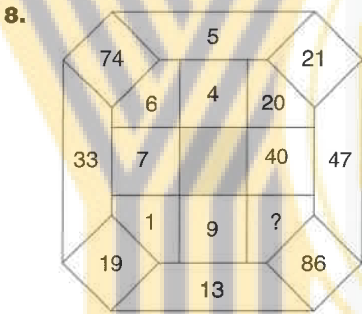
- A) 5 B) 8 C) 11 D) 13 E) 14



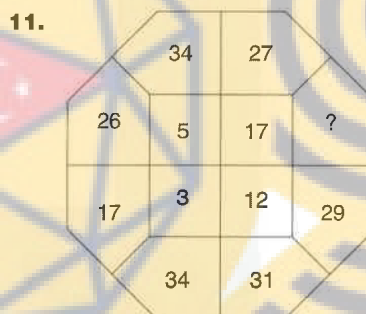
- A) 42 B) 48 C) 53 D) 59 E) 65



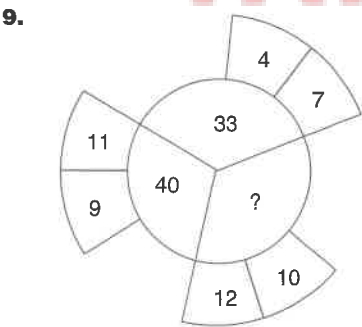
- A) 32 B) 47 C) 49 D) 51 E) 56



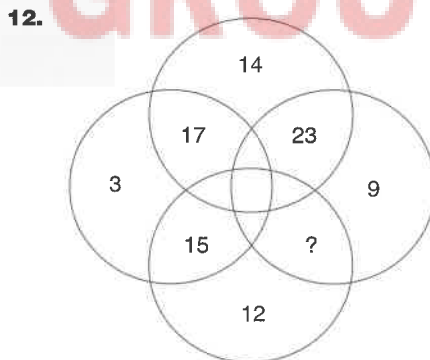
- A) 60 B) 70 C) 75 D) 80 E) 85



- A) 18 B) 20 C) 24 D) 31 E) 32

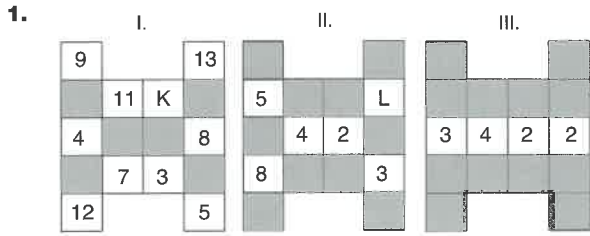


- A) 36 B) 42 C) 44 D) 49 E) 54



- A) 17 B) 8 C) 21 D) 22 E) 24

TAKTİK GROUP

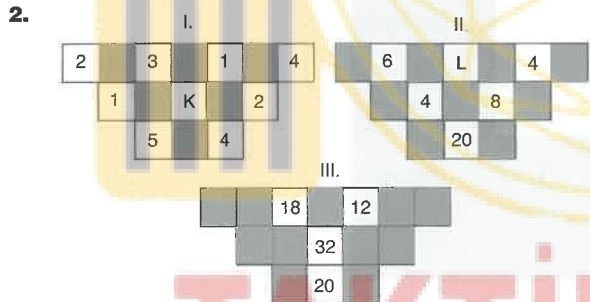


K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

- | | K | L |
|----|---|---|
| A) | 3 | 5 |
| B) | 5 | 2 |
| C) | 3 | 4 |
| D) | 5 | 5 |
| E) | 6 | 3 |

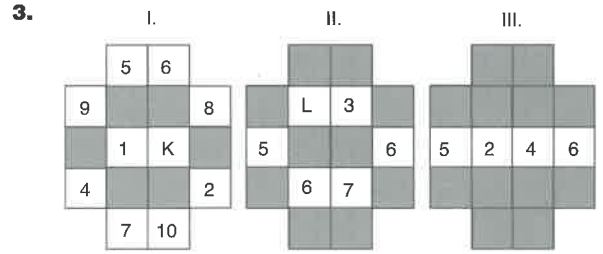


K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

- | | K | L |
|----|---|---|
| A) | 3 | 4 |
| B) | 4 | 4 |
| C) | 3 | 6 |
| D) | 3 | 8 |
| E) | 4 | 3 |

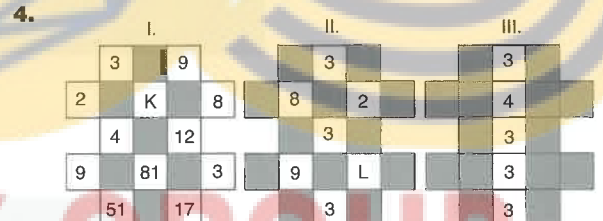


K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

- | | K | L |
|----|---|---|
| A) | 4 | 3 |
| B) | 2 | 3 |
| C) | 3 | 4 |
| D) | 3 | 2 |
| E) | 2 | 4 |

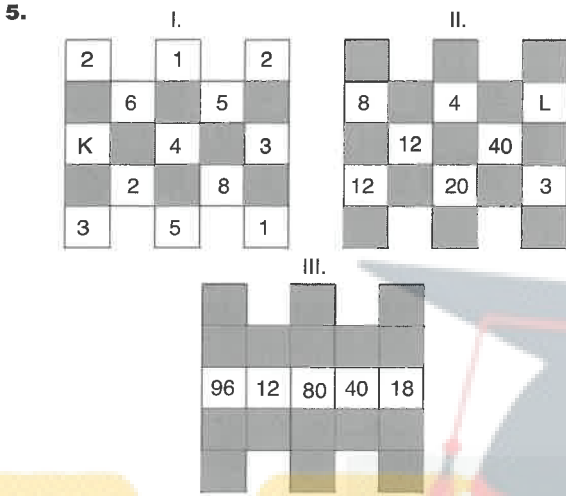


K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

- | | K | L |
|----|----|----|
| A) | 4 | 9 |
| B) | 16 | 27 |
| C) | 8 | 27 |
| D) | 2 | 18 |
| E) | 16 | 9 |



K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	2	6
B)	4	8
C)	6	10
D)	4	6
E)	2	8

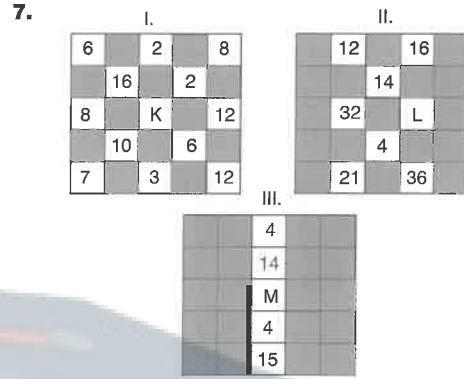


K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	8	2
B)	6	4
C)	10	2
D)	7	3
E)	10	4



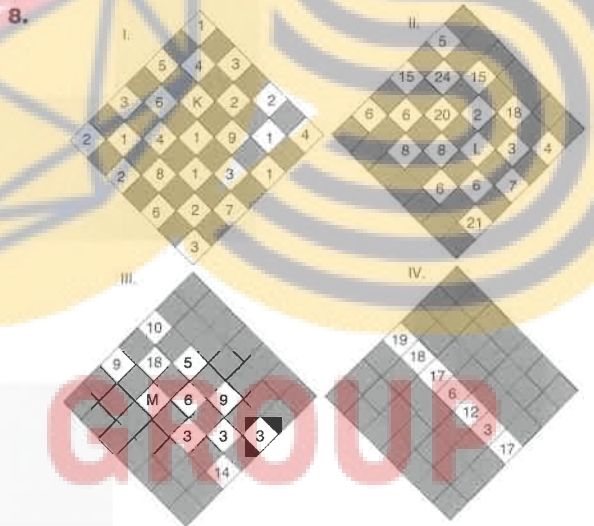
K = ? L = ? M = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L	M
A)	4	32	9
B)	6	24	12
C)	3	48	14
D)	4	48	16
E)	6	42	18

PUZAYAYINLARI

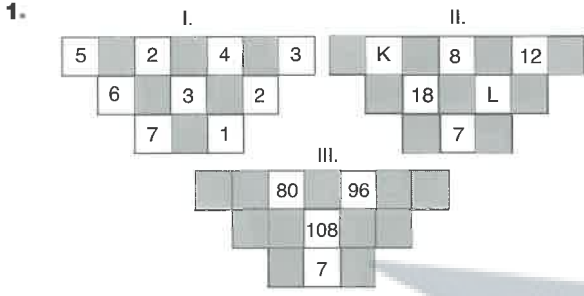


K = ? L = ? M = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L	M
A)	5	11	12
B)	6	9	14
C)	3	12	16
D)	5	9	12
E)	7	13	9

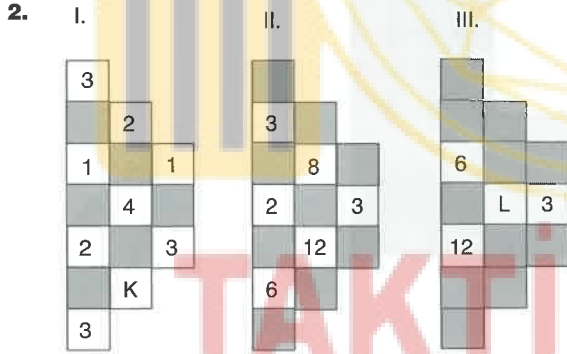


K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	15	6
B)	10	8
C)	15	12
D)	10	6
E)	12	14

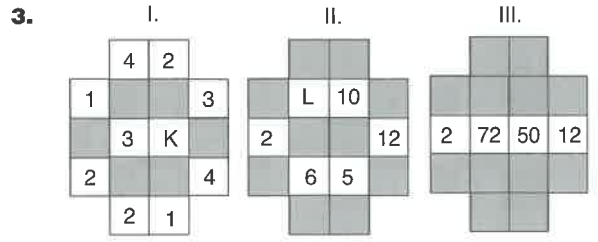


K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	12	96
B)	12	24
C)	3	96
D)	2	32
E)	4	10

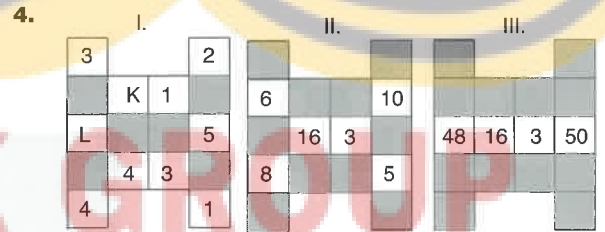


K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	10	12
B)	12	16
C)	5	25
D)	6	18
E)	5	12



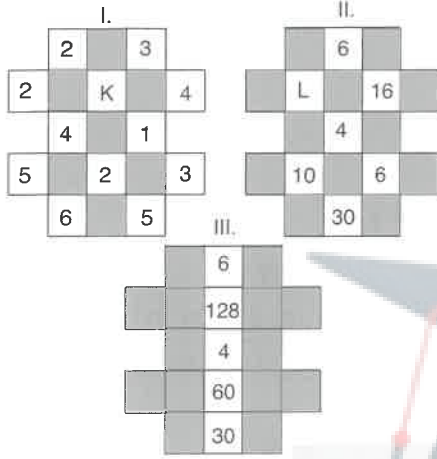
K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	4	8
B)	4	2
C)	8	12
D)	2	12
E)	4	4

5.



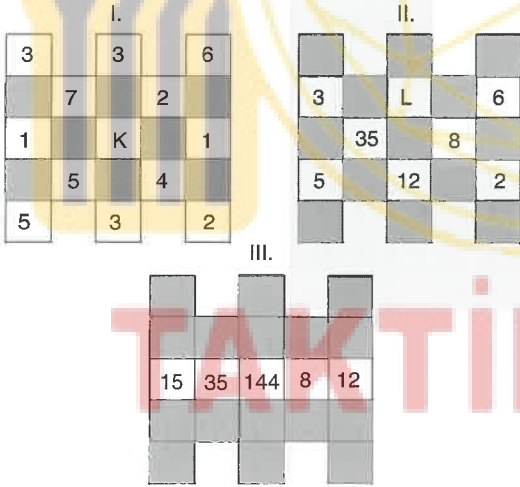
K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	4	10
B)	6	12
C)	4	8
D)	9	12
E)	6	8

6.



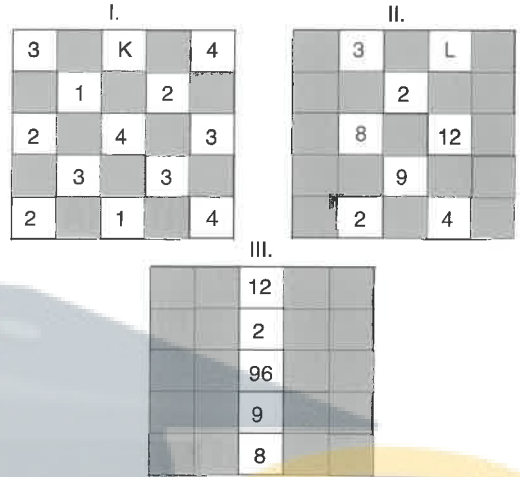
K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	8	12
B)	4	12
C)	4	16
D)	6	14
E)	12	18

7.



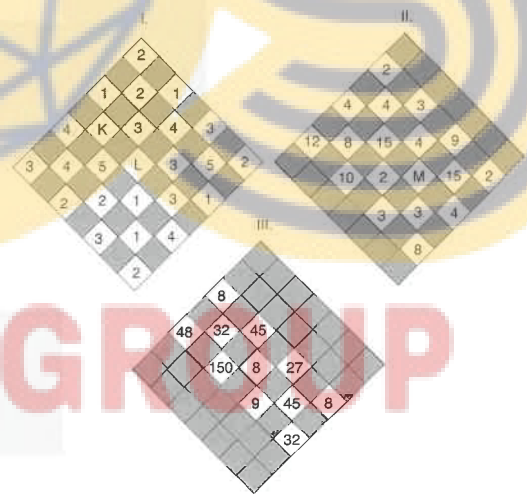
K = ? L = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L
A)	1	8
B)	2	12
C)	3	18
D)	5	16
E)	1	4

8.



K = ? L = ? M = ?

Yukarıdaki şekil dizisinde K ve L nin yerine hangi sayılar gelmelidir?

Which numbers do K and L stand for in the figure sequence above?

	K	L	M
A)	4	1	3
B)	1	2	6
C)	3	2	1
D)	2	1	3
E)	3	1	4

SAYI BAĞINTILARI
NUMBER RELATIONS

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	B	D	C	D	E	C	E	E	D	E	C	D	B	A	D

TEST 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	B	D	E	D	C	D	C	C	C	E	E	C	C	C	C

TEST 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	E	A	B	A	D	C	D	D	C	D	E	D	D	D	C

TEST 4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	B	C	D	D	B	D	B	B	C	D	B	B	D	C	D

TEST 5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	C	D	C	A	A	B	A	C	D	A	C	D	E	C	A

TEST 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	B	A	C	A	A	C	B	C	C	A	D	A	E	A

TEST 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	C	C	B	E	C	C	C	B	D	A	E	A	E	C	D

TEST 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
E	C	E	C	B	E	C	D	D	C	C	C	D	C	C

TEST 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14
C	B	A	E	E	D	B	A	C	B	B	E	D	A

TEST 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	E	E	E	A	E	A	E	B	D	A	B	A	B

TEST 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	D	C	C	C	D	C	B	C	D	C	D	E	E	B	C

TEST 12

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
B	E	B	E	A	C	E	C	B	D	B	B	D	C	C

TEST 13

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	C	D	C	B	A	C	B	E	D	D	C	B	C	B	E

TEST 14

1	2	3	4	5	6	7	8	9	10	11	12	13	14
D	D	C	E	D	E	B	C	D	C	B	D	E	E

TEST 15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	E	D	A	B	A	C	B	C	A	E	E	C	C	A	A

TEST 16

1	2	3	4	5	6	7	8	9	10	11	12				
C	A	C	C	A	D	B	A	E	E	C	D				

SAYI BAĞINTILARI
NUMBER RELATIONS

YANIT ANAHTARI

ANSWER KEY

TEST 17

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
D	B	D	E	B	C	D	D	D	C	D	C	D	D	D

TEST 18

1	2	3	4	5	6	7	8	9	10					
E	C	D	C	C	D	E	D	D	E					

TEST 19

1	2	3	4	5	6	7	8	9	10	11	12			
D	D	C	C	C	E	D	C	C	E	D	D			

TEST 20

1	2	3	4	5	6	7	8	9	10	11	12			
E	E	D	C	D	E	C	C	D	D	C	C			

TEST 21

1	2	3	4	5	6	7	8							
A	E	B	C	E	D	C	B							

TEST 22

1	2	3	4	5	6	7	8	9	10	11	12			
B	D	D	B	C	B	E	D	C	D	C	C			

TEST 23

1	2	3	4	5	6	7	8							
D	E	C	B	D	C	D	D							

TEST 24

1	2	3	4	5	6	7	8							
D	C	E	B	C	B	E	D							

TAKTİK GROUP

NOTLAR NOTES



TAKTİK GROUP



1.

+	a	b	c
a	a^2		
b		a	$2a$

$\Rightarrow c = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

4.

+	a	b	c
a		$4a$	
b		$4a + 8$	

$\Rightarrow a = ?$

- A) 4 B) 6 C) 8 D) 10 E) 12

2.

+	a	b	c
a		8	4
b			6
c			

$\Rightarrow a = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

5.

+	a	b	c
a	4		
b		6	
c			$a \cdot b$

$\Rightarrow c = ?$

- A) 3 B) 6 C) 10 D) 12 E) 16

3.

+	a	b	c
a	$b + 4$		9
b		8	

$\Rightarrow c = ?$

- A) 8 B) 7 C) 5 D) 3 E) 1

6.

+	a	b	c
a		$c + 8$	12
b	$2c - 2$		

$\Rightarrow b = ?$

- A) 16 B) 18 C) 14 D) 12 E) 10

7.

+	a	b	c
a	2	5	10

 $\Rightarrow a + b + c = ?$

- A) 20 B) 18 C) 17 D) 14 E) 12

10.

+	a	b	c
a			
b			
c		10	$2b - c$

 $\Rightarrow c = ?$

- A) 2 B) 4 C) 8 D) 12 E) 16

8.

+	a	b	c
a			
b		c	
c			$b + 6$

 $\Rightarrow c = ?$

- A) 8 B) 7 C) 5 D) 4 E) 2

11.

+	a	b
a	10	8
b		
c		7

 $\Rightarrow c = ?$

- A) 2 B) 4 C) 6 D) 8 E) 10

9.

+	a	b	c
a		10	
b		$3b - 8$	
c	b		

 $\Rightarrow c = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

12.

+	a	b
a	$c - b$	$c - 6$
b		
c		

 $\Rightarrow a = ?$

- A) 1 B) 2 C) 4 D) 6 E) 7

TAKTİK GROUP

1.

+	a	b	c
a			15
b		16	
c		14	

$\Rightarrow a = ?$

- A) 4 B) 6 C) 7 D) 9 E) 10

4.

+	a	b	c
a			$c + 2$
b	7		
c			

$\Rightarrow b = ?$

- A) 2 B) 3 C) 5 D) 6 E) 1

2.

+	a	b	c
a		a	
b			7

$\Rightarrow c = ?$

- A) 3 B) 4 C) 7 D) 2 E) 6

5.

+	a	b	c
a	14		
b			19
c	16		

$\Rightarrow c = ?$

- A) 4 B) 7 C) 8 D) 9 E) 10

3.

+	a	b	c
a		11	
b			8
c		$2b$	

$\Rightarrow a = ?$

- A) 3 B) 4 C) 6 D) 1 E) 7

6.

+	a	b	c
a		13	6
b			
c	$2a$		

$\Rightarrow b = ?$

- A) 3 B) 7 C) 4 D) 9 E) 10

7.

+	a	b	c
a		9	
b			9
c	4		

$\Rightarrow b = ?$

- A) 3 B) 7 C) 4 D) 6 E) 2

10.

+	a	b
a		10
c	c+3	

$\Rightarrow b = ?$

- A) 3 B) 4 C) 6 D) 7 E) 9

8.

+	a	b	c
a		2b	
b			2c
c	2a		

$\Rightarrow \frac{a}{c} = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

11.

+	a	b
a	6	5
c		8

$\Rightarrow c = ?$

- A) 6 B) 2 C) 3 D) 4 E) 5

9.

+	a	b	c
a			2
b	5		b
c			

$\Rightarrow b = ?$

- A) 1 B) 2 C) 3 D) 4 E) 0

12.

+	a	b	c
a		a+5	
b			7
c			

$\Rightarrow c = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

TAKTİK GROUP

1.

+	b	c
a	41	30
b		25

$$\Rightarrow 2b - a = ?$$

- A) 9 B) 11 C) 13 D) 15 E) 18

4.

+	a	b	c
a			20
b	c+2	c+3	

$$\Rightarrow b + c = ?$$

- A) 18 B) 19 C) 21 D) 22 E) 24

2.

+	a	b
b	20	
c	18	16

$$\Rightarrow a + c - b = ?$$

- A) 7 B) 9 C) 10 D) 13 E) 15

5.

+	a	b	c
a		c	21
b			15

$$\Rightarrow c = ?$$

- A) 8 B) 9 C) 10 D) 12 E) 15

3.

+	b	c
a	23	25
b		28

$$\Rightarrow a + b - c = ?$$

- A) 5 B) 7 C) 8 D) 13 E) 15

6.

+	a	b	c
a		32	36
b		36	

$$\Rightarrow c - a = ?$$

- A) 6 B) 8 C) 9 D) 10 E) 13

7.

+	a	b	c
a			48
b	c + 2		6a - 10

$\Rightarrow b = ?$

- A) 26 B) 28 C) 34 D) 39 E) 41

10.

+	a	b	c
a		37	28
b			31

$\Rightarrow a = ?$

- A) 15 B) 17 C) 20 D) 22 E) 25

8.

+	a	b	c
a	$\frac{2c}{3}$	$\frac{c}{2}$	
b			28

$\Rightarrow a = ?$

- A) 4 B) 5 C) 6 D) 8 E) 10

11.

+	a	b	c
a	a^2		b
b	8		

$\Rightarrow c = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

9.

+	a	b	c
a		40	26
b			28

$\Rightarrow a + b + c = ?$

- A) 32 B) 35 C) 39 D) 42 E) 47

12.

+	a	b	c
a	3c	c^2	10
b			

$\Rightarrow b = ?$

- A) 3 B) 6 C) 9 D) 10 E) 13

TAKTİK GROUP

1.

+	a	b	c
a	8		
b		2a + 8	18

$\Rightarrow c = ?$

- A) 5 B) 7 C) 9 D) 10 E) 11

4.

+	a	b	c
a		11	21
b			28

$\Rightarrow a + b + c = ?$

- A) 29 B) 30 C) 38 D) 42 E) 49

2.

+	a	b	c
a			13
b	2c + 1		4a

$\Rightarrow a + b + c = ?$

- A) 18 B) 23 C) 25 D) 27 E) 30

5.

+	a	b	c
a		38	42
b		46	

$\Rightarrow b + c - a = ?$

- A) 28 B) 30 C) 33 D) 35 E) 40

3.

+	a	b	c
a		40	36
b		b + 24	

$\Rightarrow c - a = ?$

- A) 4 B) 9 C) 12 D) 15 E) 19

6.

+	a	b	c
a	c - 3		21
b			24

$\Rightarrow a + b = ?$

- A) 8 B) 10 C) 13 D) 15 E) 16

7.

+	a	b	c
a		4b	
b			21
c	29		

$\Rightarrow a = ?$

- A) 8 B) 10 C) 12 D) 16 E) 18

10.

+	a	b	c
a	c	2c	
b			60

$\Rightarrow a = ?$

- A) 8 B) 10 C) 12 D) 15 E) 16

8.

+	a	b	c
a	14	$\frac{7c}{5}$	
b			11a

$\Rightarrow c = ?$

- A) 21 B) 28 C) 35 D) 36 E) 40

11.

+	a	b	c
a	c + 4		b + 8
b	c + 12		

$\Rightarrow c = ?$

- A) 10 B) 12 C) 14 D) 16 E) 18

9.

+	a	b	c
a		35	36
b			39

$\Rightarrow a = ?$

- A) 12 B) 15 C) 16 D) 18 E) 20

12.

+	a	b	c
a			28
b	3c - 4		4a

$\Rightarrow b = ?$

- A) 25 B) 28 C) 30 D) 32 E) 34

TAKTİK GROUP

1.

+	a	b	c
a	b+7		
b		3a	
c			2a+6

$\Rightarrow a + b - c = ?$

- A) 13 B) 17 C) 18 D) 20 E) 21

4.

+	a	b	c
a		$\frac{5c}{3}$	
b			14
c	8		

$\Rightarrow a \cdot b + c = ?$

- A) 18 B) 20 C) 22 D) 26 E) 32

2.

+	a	b	c
a	4b		
b	c		
c		60	

$\Rightarrow a + b + c = ?$

- A) 35 B) 45 C) 60 D) 65 E) 90

5.

+	a	b	c
a		3c	
b			8
c	7		

$\Rightarrow a \cdot c - b = ?$

- A) 7 B) 8 C) 9 D) 11 E) 12

3.

+	a	b	c
a	b	84	45
b			
c			

$\Rightarrow c = ?$

- A) 17 B) 20 C) 21 D) 23 E) 25

6.

+	a	b	c
a		18	
b			27
c	21		

$\Rightarrow (a + b - c)^2 = ?$

- A) 4 B) 9 C) 16 D) 25 E) 36

7.

+	a	b	c
a	b+3		
b		a+c-4	
c			a ² -4

$\Rightarrow 3c - 2b - a = ?$

- A) 18 B) 22 C) 24 D) 26 E) 30

10.

+	a	b	c
a	c	d	b
b		e	20
c			d

$\Rightarrow d + e = ?$

- A) 20 B) 30 C) 36 D) 40 E) 46

8.

+	a	b	c
a	3 · b	25	
b			
c	22		

$\Rightarrow c = ?$

- A) 3 B) 7 C) 8 D) 9 E) 11

11.

+	a	b	c
a	b	e	
b		d	
c		28	e

$\Rightarrow d + e = ?$

- A) 32 B) 38 C) 40 D) 42 E) 56

9.

+	a	b	c
a	4 · b		2b + 1
b			
c		a-4	

$\Rightarrow a + b + c = ?$

- A) 16 B) 21 C) 23 D) 27 E) 31

12.

+	a	b	c
a	c	d	b
b		e	25
c			d

$\Rightarrow d + e = ?$

- A) 45 B) 50 C) 60 D) 65 E) 70

TAKTİK GROUP

1.

+	a	b	c
a		18	
b			29
c	21		

$\Rightarrow a = ?$

- A) 5 B) 9 C) 13 D) 16 E) 17

4.

+	a	b	c
a		36	
b			52
c	48		

$\Rightarrow (a + b) - c = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

2.

+	a	b	c
a			
b	$\frac{3c}{4}$	c	
c			

$\Rightarrow \frac{2(c-b)}{a} = ?$

- A) 3 B) 4 C) 6 D) 8 E) 9

5.

+	a	b	c
a		32	
b			39
c	23		

$\Rightarrow \frac{b-c}{a} = ?$

- A) 20 B) 25 C) 32 D) 36 E) 45

3.

+	a	b	c
a		8a	
b	2c-4		2c+1
c			

$\Rightarrow a + c = ?$

- A) 7 B) 9 C) 12 D) 15 E) 16

6.

+	a	b	c
a	a^2		
b	11		23
c			

$\Rightarrow c = ?$

- A) 7 B) 9 C) 13 D) 14 E) 16

7.

+	a	b	c
a		4b	
b			21
c	29		

$\Rightarrow \frac{a \cdot c}{b} = ?$

- A) 26 B) 32 C) 45 D) 51 E) 63

10.

+	a	b	c
a		19	
b			4a
c	23		

$\Rightarrow a = ?$

- A) 7 B) 8 C) 10 D) 11 E) 12

8.

+	a	b	c
a		21	
b		5a	6a
c			

$\Rightarrow c = ?$

- A) 6 B) 15 C) 17 D) 21 E) 25

11.

+	a	b	c
a		131	93
b			
c		64	

$\Rightarrow a - b = ?$

- A) 29 B) 36 C) 40 D) 42 E) 45

9.

+	a	b	c
a		c - 1	
b			a + 5
c	b + 7		

$\Rightarrow a + b + c = ?$

- A) 10 B) 11 C) 12 D) 14 E) 16

12.

+	a	b	c
a	b	e	15
b		d	
c			e

$\Rightarrow b + e = ?$

- A) 14 B) 19 C) 30 D) 35 E) 40

TAKTİK GROUP

1.

+	a	b	c
a	3b	40	64
b			
c			

$\Rightarrow c = ?$

- A) 32 B) 36 C) 40 D) 44 E) 49

4.

+	a	b	c
a	$\frac{b}{6}$		
b	52		62
c			

$\Rightarrow a + c - b = ?$

- A) -18 B) -20 C) -21 D) -26 E) -30

2.

+	K	L	M
K			4M
L	4K		
M		50	

$\Rightarrow K + L + M = ?$

- A) 60 B) 65 C) 70 D) 75 E) 80

5.

+	K	L	M
K			28
L	4L		
M		12	

$\Rightarrow K + L - M = ?$

- A) 14 B) 28 C) 30 D) 36 E) 39

3.

+	m	n	p
m	2n	s	9
n		r	
p			n

$\Rightarrow s + r = ?$

- A) 24 B) 28 C) 30 D) 32 E) 39

6.

+	a	b	c
a	4b	54	
b			
c		55	

$\Rightarrow c - a + b = ?$

- A) 17 B) 19 C) 20 D) 24 E) 30

7.

+	a	b	c
a	a · b		
b			
c	15		

$\Rightarrow a + b + c = ?$

- A) 17 B) 21 C) 27 D) 33 E) 39

10.

+	a	b	c
a	b + 3		
b		3a + c	
c			3a - 1

$\Rightarrow a + b - c = ?$

- A) -19 B) -23 C) -26 D) -33 E) -34

8.

+	a	b	c
a			6b - 1
b	3b + 1		
c		4b + 1	

$\Rightarrow \frac{a+b}{c} = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

11.

+	a	b	c
a	b	81	33
b			
c			

$\Rightarrow c = ?$

- A) 4 B) 6 C) 16 D) 20 E) 21

9.

+	a	b	c
a	c	c + 2	e
b		e	14
c			d

$\Rightarrow e + d = ?$

- A) 16 B) 18 C) 24 D) 28 E) 30

12.

+	K	L	M
K	L	M	x
L	M	x	y
M	x	y	F

$\Rightarrow \frac{F}{y-x} = ?$

- A) 2 B) 3 C) 6 D) 8 E) 10

TAKTİK GROUP

1.

+	a	b	c
a	b	e	30
b		d	
c			e

$\Rightarrow b + e = ?$

- A) 40 B) 50 C) 60 D) 70 E) 75

4.

+	K	L	M
K		43	
L			29
M	22		

$\Rightarrow K + L + M = ?$

- A) 39 B) 43 C) 47 D) 48 E) 54

2.

+	a	b	c
a	$b + 3$		
b		$3a + 2$	
c			$3b + 3$

$\Rightarrow \frac{a+b}{c} = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

5.

+	a	b	c	d
a				9
b				
c		8		
d				

$\Rightarrow a \cdot c + d \cdot c + a \cdot b + b \cdot d = ?$

- A) 48 B) 54 C) 56 D) 63 E) 72

3.

+	a	b	c
a	$\frac{b}{2}$		
b	70		
c		59	

$\Rightarrow \frac{b}{a-4c} = ?$

- A) 26 B) 28 C) 30 D) 32 E) 39

6.

+	K	L	M	N
K				10
L	8			
M		14		
N			16	

$\Rightarrow K + L + M + N = ?$

- A) 12 B) 20 C) 24 D) 38 E) 42

7.

+	a	b	c	d
a		10		
b				
c				
d			9	

$\Rightarrow a \cdot c + b \cdot c + a \cdot d + b \cdot d = ?$

- A) 45 B) 60 C) 65 D) 80 E) 90

10.

+	a	b	c	d
a		6d		
b			$\frac{5a}{2}$	
c				$\frac{7b}{4}$
d	2b			

$\Rightarrow \frac{a+b}{d} = ?$

- A) 1 B) 3 C) 4 D) 6 E) 8

8.

+	k	p	m	n	t
m	8				
p	m				
m		7		13	
n					4k
t			3k		

$\Rightarrow k + p + m + n + t = ?$

- A) 18 B) 19 C) 20 D) 21 E) 22

11.

+	a	b	c
a	b	c	d
b	c	d	e
c	d	e	m

$\Rightarrow \frac{m}{c+e} = ?$

- A) $\frac{3}{4}$ B) $\frac{1}{2}$ C) $\frac{4}{3}$ D) $\frac{3}{2}$ E) $\frac{2}{3}$

9.

+	a	b	c	d
a		143		
b			a+4	
c				63
d	120			

$\Rightarrow b - c = ?$

- A) 20 B) 26 C) 28 D) 31 E) 36

12.

+	a	b	c
a	b	c	d
b	c	d	f
c	d	f	n

$\Rightarrow \frac{n+b}{c+d+f} = ?$

- A) $\frac{1}{3}$ B) $\frac{2}{3}$ C) $\frac{3}{2}$ D) $\frac{3}{4}$ E) $\frac{4}{3}$

TAKTİK GROUP

1.

x	a	b	c
a		64	24b
b			24

$$\Rightarrow c = ?$$

- A) 2 B) 4 C) 6 D) 8 E) 12

4.

x	a	b	c
a		9c	216
b			72

$$\Rightarrow c = ?$$

- A) 12 B) 24 C) 36 D) 40 E) 54

2.

x	a	b
a	c	
b		4 · c

$$\Rightarrow \frac{a^2 + b^2}{3c} = ?$$

- A) $\frac{1}{2}$ B) 1 C) 2 D) $\frac{7}{3}$ E) $\frac{5}{3}$

5.

x	a	b	c
a		108	36
b			48

$$\Rightarrow a + b + c = ?$$

- A) 18 B) 25 C) 27 D) 28 E) 30

3.

x	a	b	c
a		48	32
b			96

$$\Rightarrow a + b + c = ?$$

- A) 24 B) 26 C) 28 D) 30 E) 34

6.

x	a	b	c
a		96	243
b			128

$$\Rightarrow c = ?$$

- A) 4 B) 8 C) 12 D) 16 E) 18

7.

x	a	b
a	e^2	
b		$4 \cdot e^2$

$$\Rightarrow \frac{a^2 + b^2}{e^2} = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

10.

x	a	b	c
a		54	21
b			126

$$\Rightarrow a + b + c = ?$$

- A) 19 B) 23 C) 25 D) 28 E) 31

8.

x	a	b	c
a		65	75
b			$39 \cdot a$

$$\Rightarrow a + b + c = ?$$

- A) 29 B) 30 C) 32 D) 33 E) 36

11.

x	a	b	c
a		54	36
b			$\frac{8}{3}$

$$\Rightarrow b = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 6

9.

x	a	b	c
a		108	54
b			72

$$\Rightarrow a + c - b = ?$$

- A) 2 B) 3 C) 4 D) 6 E) 8

12.

x	a	b	c
a		24	12
b			8

$$\Rightarrow a \cdot b \cdot c = ?$$

- A) 48 B) 52 C) 56 D) 76 E) 82

TAKTIK GROUP

1.

x	a	b	c
a		18	
b			84
c	42		

$\Rightarrow c = ?$

- A) 7 B) 9 C) 14 D) 16 E) 20

4.

x	a	b	c
a		156	
b			143
c	132		

$\Rightarrow \frac{b+c}{a} = ?$

- A) 1 B) 2 C) 4 D) 5 E) 6

2.

x	a	b	c
a		2c	
b			18 · a
c	8 · b		

$\Rightarrow a + b + c = ?$

- A) 22 B) 18 C) 12 D) 10 E) 6

5.

x	a	b	c
a		16 · c	b
b			144 · a
c			

$\Rightarrow \sqrt{a+b+c} = ? = ?$

- A) 6 B) 8 C) 10 D) 11 E) 12

3.

x	a	b	c
a		2c + 2	
b			4 · a
c	16 · b		

$\Rightarrow a + b + c = ?$

- A) 14 B) 15 C) 17 D) 18 E) 19

6.

x	a	b	c
a		84	
b			36
c	21		

$\Rightarrow a + b + c = ?$

- A) 18 B) 19 C) 21 D) 22 E) 24

7.

x	a	b	c
a		48	
b			78
c	104		

$\Rightarrow \sqrt{3(a+b+c)} = ?$

- A) 9 B) 10 C) 12 D) 15 E) 18

10.

x	K	L	M
K		$\frac{3}{8}$	
L			$\frac{3}{7}$
M	$\frac{1}{14}$		

$\Rightarrow K \cdot L \cdot M = ?$

- A) $\frac{3}{28}$ B) $\frac{4}{32}$ C) $\frac{7}{24}$ D) $\frac{3}{42}$ E) $\frac{2}{21}$

8.

x	a	b	c
a		$8 \cdot c$	
b			18
c	$32 \cdot b$		

$\Rightarrow \left(\frac{b^2 \cdot \sqrt{a}}{c}\right)^2 = ?$

- A) a^2 B) b C) c^2 D) b^2 E) $b+c$

11.

x	a	b	c
a		c	
b			$16a$
c	$9b$		

$\Rightarrow a+b+c = ?$

- A) 14 B) 16 C) 18 D) 19 E) 22

9.

x	a	b	c
a		60	
b			$3a-1$
c	84		

$\Rightarrow a+c+b = ?$

- A) 18 B) 20 C) 24 D) 26 E) 28

12.

\sqrt{x}	a	b	c
a		$4\sqrt{2}$	
b			$6\sqrt{2}$
c	6		

$\Rightarrow a+b+c = ?$

- A) 18 B) 21 C) 24 D) 27 E) 30

TAKTİK GROUP

1.

x	a	b	c
a		$\frac{3c}{2}$	
b			$\frac{c^2}{4}$
c	96		

$\Rightarrow a + b + c = ?$

- A) 14 B) 16 C) 18 D) 25 E) 26

4.

x	a	b	c
a			
b	132		180
c	165		

$\Rightarrow \frac{(a+1) \cdot (c-1)}{b} = ?$

- A) 11 B) 12 C) 13 D) 14 E) 15

2.

x	A	B	C
A			$2 \cdot B$
B	A^3		
C		54	

$\Rightarrow C = ?$

- A) 4 B) 6 C) 8 D) 9 E) 12

5.

x	a	b	c
a		72	
b			$\frac{a \cdot c}{2}$
c	$3 \cdot b^2$		

$\Rightarrow a + b + c = ?$

- A) 19 B) 24 C) 26 D) 27 E) 33

3.

x	K	L	M
K		45	
L			65
M	117		

$\Rightarrow K + L + M = ?$

- A) 21 B) 23 C) 27 D) 30 E) 32

6.

x	a	b	c
a		48	
b			$80 - a$
c	$\frac{a^2 \cdot c}{3}$		

$\Rightarrow a + b + c = ?$

- A) 26 B) 29 C) 30 D) 34 E) 37

7.

$x+2$	a	b	c
a		38	
b			101
c	46		

$$\Rightarrow \frac{b+c}{a} = ?$$

- A) 3 B) 5 C) 6 D) 8 E) 9

10.

x	a	b	c
a			$2b$
b	56	$a \cdot c^2$	
c			

$$\Rightarrow \frac{b}{c} + a = ?$$

- A) 4 B) 6 C) 8 D) 9 E) 13

8.

x	a	b	c
a		108	
b			$\frac{5b^2}{4}$
c	$5\sqrt{a^3}$		

$$\Rightarrow a - b + c = ?$$

- A) 6 B) 7 C) 8 D) 10 E) 12

11.

x	a	b	c
a		52	
b			28
c	91		

$$\Rightarrow \frac{a+c}{b} = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

9.

x	a	b	c
a		$3c$	
b			32
c	$12b$		

$$\Rightarrow \frac{b+c}{a} = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

12.

x	a	b	c
a		3	
b			147
c	49		

$$\Rightarrow b = ?$$

- A) 3 B) 4 C) 7 D) 14 E) 21

TAKTİK GROUP

1.

x	a	b	c
a		$4c + \frac{c}{2}$	
b			18a
c	8b		

$\Rightarrow c = ?$

- A) 4 B) 6 C) 8 D) 9 E) 12

4.

x	a	b	c
a			
b		$16a^2$	
c	8b		

$\Rightarrow c = ?$

- A) 8 B) 16 C) 24 D) 32 E) 36

2.

x	a	b	c
a		2	
b			$\frac{4}{9}$
c	$\frac{1}{2}$		

$\Rightarrow b = ?$

- A) $\frac{1}{3}$ B) $\frac{3}{2}$ C) $\frac{2}{3}$ D) $\frac{3}{4}$ E) $\frac{4}{3}$

5.

x	a	b	c
a			
b	$\frac{1}{3}$		
c	$\frac{3}{8}$	$\frac{1}{2}$	

$\Rightarrow c = ?$

- A) $\frac{1}{2}$ B) $\frac{2}{3}$ C) $\frac{3}{4}$ D) $\frac{3}{2}$ E) $\frac{4}{3}$

3.

x	a	b	c
a			48
b	3		
c		4	

$\Rightarrow \frac{a+c}{b} = ?$

- A) 17 B) 21 C) 23 D) 24 E) 28

6.

x	a	b	c
a		c	
b			16a
c	b^2		

$\Rightarrow a + b + c = ?$

- A) 10 B) 12 C) 14 D) 16 E) 24

7.

x	a	b	c
a		$\frac{1}{24}$	
b			$\frac{1}{9}$
c	$\frac{1}{6}$		

$\Rightarrow c = ?$

- A) $\frac{1}{4}$ B) $\frac{1}{2}$ C) $\frac{2}{5}$ D) $\frac{2}{3}$ E) $\frac{1}{6}$

10.

x	a	b	c
a		2	
b			
c	$\frac{1}{24}$	3	

$\Rightarrow \frac{1}{a \cdot b \cdot c} = ?$

- A) $\frac{1}{3}$ B) 2 C) $\frac{1}{2}$ D) 3 E) $\frac{3}{2}$

8.

x	a	b	c
a			$\frac{1}{45}$
b		c	
c		$\frac{1}{27}$	

$\Rightarrow \frac{b}{c} = ?$

- A) 2 B) 3 C) 4 D) 6 E) 9

11.

x	a	b	c
a			
b	$\frac{1}{18}$		
c	$\frac{3}{2}$	3	

$\Rightarrow b = ?$

- A) $\frac{1}{2}$ B) $\frac{1}{3}$ C) $\frac{1}{6}$ D) $\frac{2}{3}$ E) $\frac{3}{2}$

9.

x	a	b	c
a		2	$\frac{9}{2}$
b			36
c			

$\Rightarrow \frac{b \cdot c}{a} = ?$

- A) $\frac{1}{16}$ B) $\frac{3}{16}$ C) 36 D) 48 E) 72

12.

x+2	a	b	c
a		11	
b			6
c	3		

$\Rightarrow a \cdot b \cdot c = ?$

- A) $\frac{3}{2}$ B) $\frac{4}{9}$ C) 6 D) 9 E) 12

TAKTİK GROUP

1.

x	a	b	c
a		96	
b			3
c	2		

$\Rightarrow a \cdot b \cdot c = ?$

- A) 16 B) 18 C) 24 D) 32 E) 36

4.

x	a	b	c
a		$b^3 \cdot c$	
b			
c	b	2	

$\Rightarrow \frac{a \cdot c}{b} = ?$

- A) 1 B) 3 C) 8 D) 12 E) 14

2.

x	a	b	c
a		4	
b			6
c	$\frac{3}{8}$		

$\Rightarrow a \cdot b \cdot c = ?$

- A) 3 B) 6 C) $\frac{8}{3}$ D) $\frac{3}{8}$ E) 9

5.

x	a	b	c
a		$\frac{9}{7}$	
b			3
c	21		

$\Rightarrow b = ?$

- A) 3 B) $\frac{7}{3}$ C) $\frac{3}{7}$ D) $\frac{1}{7}$ E) 7

3.

x	a	b	c
a		c	27
b			1
c			

$\Rightarrow c = ?$

- A) $\frac{1}{3}$ B) 3 C) $\frac{1}{6}$ D) 6 E) 9

6.

x	a	b	c
a		12	
b			$\frac{4}{5}$
c	$\frac{3}{5}$		

$\Rightarrow \frac{a \cdot b}{c} = ?$

- A) $\frac{15}{16}$ B) $\frac{3}{8}$ C) 45 D) 50 E) 60

7.

x	a	b	c
a		$\frac{4 \cdot c}{7}$	
b			$28 \cdot a$
c	$7 \cdot b$		

$a \cdot c < 0$
 $b \cdot c < 0$
 $\Rightarrow a + b + c = ?$

- A) 6 B) 8 C) 10 D) 12 E) 13

10.

x	a	b	c
a		$\frac{1}{8}$	
b			$\frac{1}{2}$
c	$\frac{1}{9}$		

$\Rightarrow b = ?$

- A) $\frac{1}{2}$ B) $\frac{1}{6}$ C) $\frac{1}{3}$ D) $\frac{3}{4}$ E) $\frac{2}{3}$

8.

x	a	b	c
a		4	
b			
c	18	2	

$\Rightarrow a + c = ?$

- A) $\frac{9}{2}$ B) 6 C) 8 D) 9 E) 12

11.

x	a	b	c
a		2	
b			$\frac{1}{a}$
c	7		

$\Rightarrow \frac{b}{c} = ?$

- A) $\frac{2}{7}$ B) $\frac{7}{2}$ C) $\frac{14}{3}$ D) $\frac{7}{3}$ E) $\frac{3}{7}$

9.

x	a	b	c
a		c	
b			$\frac{2}{9}$
c	$\frac{b}{4}$		

$\Rightarrow c = ?$

- A) $\frac{1}{4}$ B) $\frac{1}{2}$ C) $\frac{1}{3}$ D) $\frac{2}{3}$ E) $\frac{3}{2}$

12.

\sqrt{x}	a	b	c
a		$\frac{1}{6}$	
b			$\frac{\sqrt{6}}{18}$
c	$\frac{\sqrt{6}}{12}$		

$\Rightarrow a = ?$

- A) $\frac{1}{2}$ B) $\frac{1}{4}$ C) $\frac{1}{6}$ D) 2 E) 4

TAKTİK GROUP

1.

x	a	b	c
a			$\frac{b}{36}$
b	c		
c		$\frac{3}{32}$	

$\Rightarrow c = ?$

- A) $\frac{1}{6}$ B) $\frac{3}{4}$ C) $\frac{4}{3}$ D) $\frac{1}{8}$ E) $\frac{1}{3}$

4.

x	a	b	c	d
a		42		
b			108	
c				

$a + c = 50$
 $d = 2 \cdot c$
 $\Rightarrow a + b + c + d = ?$

- A) 25 B) 100 C) 108 D) 120 E) 125

2.

x	a	b	c
a		54	
b			24
c			
d	63		

$b + d = 13$
 $\Rightarrow c = ?$

- A) 2 B) 3 C) 4 D) 6 E) 8

5.

x	a	b	c	d
a	4c	8c		
b				
c				
d			$6b^2$	

$\Rightarrow d = ?$

- A) 24 B) 36 C) 48 D) 78 E) 96

3.

x	a	b	c
a			4
b	27		
c			
d		6	

$a + d = \frac{11}{3}$
 $\Rightarrow a \cdot c \cdot d = ?$

- A) 2c B) $\frac{4d}{3}$ C) 2d D) 4c E) b + c

6.

x	a	b	c	d
a			54	
b				
c		36		
d	30			

$\Rightarrow b \cdot d = ?$

- A) 15 B) 20 C) 25 D) 36 E) 40

7.

x	a	b	c	d
a		6		
b			7	
c				12
d				

$\Rightarrow \frac{d}{b} - \frac{a}{c} = ?$

- A) $\frac{6}{7}$ B) $\frac{7}{6}$ C) $\frac{7}{12}$ D) $\frac{1}{2}$ E) $\frac{12}{7}$

10.

x	a	b	c	d
a			2	
b	$\frac{d}{36}$			
c		$\frac{2d}{9}$		24

$\Rightarrow \frac{c+d}{a} = ?$

- A) 18 B) 20 C) 22 D) 24 E) 26

8.

x	a	b	c	d
a		9d		
b			6d	
c	24			$\frac{4}{3}a$

$\Rightarrow \frac{a+c}{b+d} = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

11.

x	a	b	c	d
a			9b	
b	4c			
c				6b
d		$\frac{1}{6c}$		

$\Rightarrow \frac{a}{b} + \frac{d}{c} = ?$

- A) 32 B) 38 C) 48 D) 52 E) 54

9.

x	a	b	c	d
a			10d	
b	4d			
c				15b
d		a		

$\Rightarrow a + b - c - d = ?$

- A) 3 B) 7 C) 11 D) 18 E) 20

12.

x	a	b	c	d
a		$\frac{c}{3}$		
b			3d	
c				12b
d				

$\Rightarrow a \cdot b \cdot c = ?$

- A) 8 B) 10 C) 12 D) 14 E) 18

TAKTİK GROUP

1.

x	a	b
a		48
c	42	

+	a	b
a		
c		15

$\Rightarrow a^2 = ?$

- A) 9 B) 16 C) 25 D) 36 E) 49

4.

+	c	d
a		13
b	13	

x	c	d
a	24	
b		63

$\Rightarrow (a \cdot b) + (c \cdot d) = ?$

- A) 49 B) 54 C) 64 D) 81 E) 82

2.

x	a	b
a	$\frac{c}{2}$	
b		

+	a	b
a	b	$\frac{c}{2}$
b		

$\Rightarrow a + b + c = ?$

- A) 15 B) 18 C) 24 D) 27 E) 32

5.

+	a	b
a	b	
b		c

x	a	b
a	c	2c
b		

$\Rightarrow a + b + c = ?$

- A) 16 B) 18 C) 22 D) 24 E) 28

3.

x	a	b
a		51
c	42	

+	a	b
a		
c		31

$\Rightarrow \frac{a+c}{b} = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

6.

+	a	b
c		30
d	16	

x	a	b
c	91	
d		153

$\Rightarrow a \cdot b + c \cdot d = ?$

- A) 98 B) 140 C) 182 D) 218 E) 236

7.

x	a	b
a		108
c	48	

+	a	b
a		
c		13

$\Rightarrow 2 \cdot a = ?$

- A) 6 B) 8 C) 12 D) 18 E) 24

10.

+	a	b
a	$\frac{b}{2}$	
b		a + c

x	a	b
a	$\frac{b}{2}$	
b		

$\Rightarrow a + b + c = ?$

- A) 16 B) 24 C) 26 D) 32 E) 36

8.

+	a	b
a	b	
b		c

x	a	b
a	a + c	$\frac{5c}{2}$
b		

$\Rightarrow a + b + c = ?$

- A) 20 B) 24 C) 30 D) 35 E) 42

11.

+	a	b
a		23
b		
c	25	

x	a	b
a		
b		
c	144	63

$\Rightarrow a(a + b) = ?$

- A) 246 B) 262 C) 300 D) 340 E) 368

9.

x	a	b
a		72
c	96	

+	a	b
a		
c		14

$\Rightarrow 2 \cdot a = ?$

- A) 16 B) 18 C) 20 D) 24 E) 30

12.

+	a	b
a		
b	c - 1	
c	4b	

x	a	b
a		
b		25
c	91	

$\Rightarrow c = ?$

- A) 8 B) 11 C) 13 D) 14 E) 19

TAKTİK GROUP

1.

+	a	b
z	12	13
y	13	14

x	a	b
z	35	42
y	40	48

$$\Rightarrow (a+b) \cdot (z+y) = ?$$

- A) 90 B) 125 C) 165 D) 175 E) 190

4.

+	a	b
a		c + 6
b		
c	10a	

x	a	b
a		
b	3 · c	
c	$\frac{4 \cdot b}{3}$	

$$\Rightarrow b - \frac{c}{a} = ?$$

- A) 9 B) 13 C) 14 D) 18 E) 21

2.

x	a	b
c	126	14
d	90	10

+	a	b
c	23	15
d	19	11

$$\Rightarrow \frac{a}{b} + c - d = ?$$

- A) 8 B) 9 C) 10 D) 11 E) 13

5.

+	a	b
a		
b		
c	9	

x	a	b
a		12
b		
c		15

$$\Rightarrow a \cdot b \cdot c = ?$$

- A) 60 B) 64 C) 72 D) 82 E) 96

3.

+	a	b
z	$\frac{9}{8}$	$\frac{7}{8}$
y	$\frac{11}{16}$	$\frac{7}{16}$

x	a	b
z	$\frac{5}{16}$	$\frac{5}{32}$
y	$\frac{3}{32}$	$\frac{3}{64}$

$$\Rightarrow \left(\frac{a}{b} + \frac{z}{y} \right) \cdot (z - y) = ?$$

- A) $\frac{7}{3}$ B) $\frac{1}{7}$ C) 2 D) $\frac{2}{3}$ E) $\frac{1}{3}$

6.

+	a	b
a		14
b		
c	16	18

x	a	b
a		n
b		
c	m	

$$\Rightarrow m + n = ?$$

- A) 81 B) 94 C) 98 D) 102 E) 108

7.

+	a	b
a		
b		
c	20	

x	a	b
a		98
b		
c		42

$\Rightarrow \frac{a}{b} + c = ?$

- A) 4 B) 6 C) 8 D) 14 E) 18

10.

+	a	b
a		14
b		
c		

x	a	b
a		
b		
c	24	18

$\Rightarrow b = ?$

- A) 3 B) 4 C) 6 D) 8 E) 12

8.

+	a	b
a		9
b		
c	15	12

x	a	b
a		x
b		
c	y	z

$\Rightarrow x + y + z = ?$

- A) 78 B) 86 C) 92 D) 99 E) 106

11.

+	a	b
a		
b	2 · c	
c		

x	a	b
a		
b	65	
c	117	

$\Rightarrow \frac{a}{b} = ?$

- A) $\frac{1}{2}$ B) $\frac{13}{5}$ C) $\frac{11}{17}$ D) $\frac{5}{2}$ E) $\frac{3}{5}$

9.

+	a	b
a		17
b		
c	9	16

x	a	b
a		y
b		
c	x	

$\Rightarrow x + y = ?$

- A) 54 B) 63 C) 72 D) 80 E) 86

12.

+	a	b
a		
b		
c	18	

x	a	b
a		
b		
c	81	

$\Rightarrow \frac{1}{a} + \frac{1}{c} = ?$

- A) $\frac{14}{5}$ B) $\frac{9}{14}$ C) $\frac{9}{10}$ D) $\frac{3}{20}$ E) $\frac{2}{9}$

TAKTİK GROUP

1.

+	a	b
a		
b	$20 \cdot c$	
c		$\frac{13}{2}$

x	a	b
a		24
b		
c		3

$\Rightarrow a + b \cdot c = ?$

- A) 4 B) 7 C) 8 D) 10 E) 12

4.

+	b	c
a		
b	$a + 2$	
c		$2b - 4$

x	a	b
a		
b		
c	24	

$\Rightarrow a - c = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

2.

+	a	b
a		5
b		
c		

x	a	b
a		
b		
c	12	8

$\Rightarrow b = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

5.

+	a	b
a		
b		
c	15	

x	a	b
a		
b		
c	5	

$\Rightarrow \frac{1}{a} + \frac{1}{c} = ?$

- A) 3 B) 4 C) 8 D) 12 E) 14

3.

+	a	b
a		
b		
c	15	

x	a	b
a		2
b		
c		3

$\Rightarrow a \cdot b \cdot c = ?$

- A) 12 B) 16 C) 18 D) 20 E) 22

6.

+	a	b
a		
b		
c	27	

x	a	b
a		4
b		
c		5

$\Rightarrow a \cdot b \cdot c = ?$

- A) 42 B) 48 C) 54 D) 60 E) 64

7.

+	a	b
a		
b		
c	7d	

x	a	b
a		32d
b		
c		24d

$\Rightarrow b = ?$

- A) 2 B) 4 C) 6 D) 8 E) 10

10.

+	a	b
a		
b		
c	$11 \cdot b$	$5 \cdot a$

x	a	b
a		
b		
c	72	36

$\Rightarrow c = ?$

- A) 9 B) 12 C) 16 D) 18 E) 20

8.

+	a	b
a		12
b		
c	16	20

x	a	b
a		
b	d	
c	e	

$\Rightarrow d + e = ?$

- A) 50 B) 60 C) 70 D) 80 E) 90

11.

+	a	b
a		$\frac{c}{2}$
b		
c		36

x	a	b
a		
b	54	
c	270	

$\Rightarrow \frac{b \cdot c}{a} = ?$

- A) 20 B) 24 C) 28 D) 32 E) 36

9.

+	a	b
a		
b	15	
c	19	

x	a	b
a		56
b		
c	84	

$\Rightarrow b = ?$

- A) 6 B) 7 C) 8 D) 10 E) 12

12.

+	a	b
a		
b		
c	14	

x	a	b
a		3
b		
c		4

$\Rightarrow a \cdot b \cdot c = ?$

- A) 16 B) 18 C) 20 D) 24 E) 28

TAKTİK GROUP

1.

x	a	b
a		
b		
c	63	54

+	a	b
a		
b	13	
c		

$\Rightarrow c = ?$

- A) 4 B) 6 C) 7 D) 8 E) 9

4.

+	a	b
a		
b	16	
c		12

x	a	b
a		
b		
c	21	27

$\Rightarrow b + c - a = ?$

- A) 4 B) 5 C) 6 D) 7 E) 9

2.

+	a	b
a		
b		
c		10

x	a	b
a		32
b		
c	48	

$\Rightarrow b = ?$

- A) 3 B) 4 C) 5 D) 6 E) 8

5.

+	a	b
a		
b		
c	14	

x	a	b
a		
b	30	
c		54

$\Rightarrow a \cdot b \cdot c = ?$

- A) 180 B) 210 C) 245 D) 260 E) 270

3.

+	a	b
a		
b	21	
c		14

x	a	b
a		
b		
c	78	48

$\Rightarrow a = ?$

- A) 6 B) 8 C) 9 D) 12 E) 13

6.

+	K	L
K		19
L		
M	14	9

x	K	L
K		B
L		
M	A	C

$\Rightarrow A + B + C = ?$

- A) 78 B) 82 C) 96 D) 98 E) 122

7.

+	K	L
K		
L	15	
M	2 · L	13

x	K	M
K	A	
L		
M		B

⇒ A + B = ?

- A) 54 B) 63 C) 81 D) 100 E) 108

10.

+	a	b
a		
b		
c	8	

x	a	b
a		42
b		
c		6

⇒ b = ?

- A) 3 B) 4 C) 6 D) 8 E) 10

8.

+	K	L
K		3 · K
L		
M	7 · K	

x	K	L	M
K	A		
L		B	
M			C

⇒ $\frac{5 \cdot C}{A+B} = ?$

- A) 26 B) 32 C) 36 D) 42 E) 48

11.

+	a	b
a		2
b		
c		

x	a	b
a		
b		
c	2	10

⇒ $\frac{5a \cdot c}{b} = ?$

- A) 4 B) 6 C) 12 D) 18 E) 20

9.

+	a	b
a		20
b		
c	9	15

x	a	b
a		x
b		
c	z	y

⇒ x + y + z = ?

- A) 89 B) 91 C) 97 D) 113 E) 131

12.

+	a	b
a		$\frac{10c}{3}$
b		
c	$\frac{7b}{6}$	

x	a	b
a		
b		
c	4b	9a

⇒ $\frac{c}{a} = ?$

- A) $\frac{1}{2}$ B) 2 C) $\frac{3}{4}$ D) $\frac{4}{3}$ E) $\frac{5}{2}$

TAKTİK GROUP

1.

+	a	b
a		9
b		
c	12	15

x	a	b
a		
b		
c	K	

$\Rightarrow K = ?$

- A) 12 B) 15 C) 24 D) 27 E) 36

4.

+	a	b
a		
b		
c	27	

x	a	b
a		5b
b		
c		132

$\Rightarrow (a + b) \cdot c = ?$

- A) 146 B) 154 C) 182 D) 214 E) 242

2.

+	a	b
a		2
b		
c		

x	b	c
a		20
b		
c	8	

$\Rightarrow c = ?$

- A) $\frac{2}{3}$ B) $\frac{3}{7}$ C) $\frac{5}{6}$ D) 8 E) 14

5.

+	a	b
a		14
b		
c		10

x	a	b
a		
b		
c		32

$\Rightarrow \frac{1}{c} - \frac{1}{a} = ?$

- A) $\frac{1}{8}$ B) $\frac{1}{4}$ C) $\frac{2}{5}$ D) $\frac{3}{2}$ E) $\frac{4}{3}$

3.

+	a	b
a		
b		
c		2

x	a	b
a		21
b		
c	15	

$\Rightarrow a = ?$

- A) 9 B) 12 C) 15 D) 18 E) 21

6.

+	b	c
a		
b	c	
c		d

x	b	c
a		
b	2c	2d
c		e

$\Rightarrow e - d = ?$

- A) 18 B) 24 C) 32 D) 36 E) 48

7.

+	a	b
a	c	
b		
c		$3a+2$

x	a	b
a		$3c$
b		
c		

$\Rightarrow c = ?$

- A) 4 B) 6 C) 8 D) 12 E) 16

10.

+	a	b	c	d
a				$2c$
b	c			

x	a	b	c	d
a				64
b				96

$\Rightarrow d = ?$

- A) 6 B) 8 C) 9 D) 12 E) 16

8.

+	a	b	c
a	a^2	c	d
b	c	d	f
c	d	f	h

x	a	b	c
a	b	d	h
b	d	$2d$	$2h$
c	h	$2h$	$3h$

$\Rightarrow d + f = ?$

- A) 12 B) 14 C) 15 D) 16 E) 18

11.

+	a	b	c
a	$3b-2$		
b			
c			$4a$

x	a	b
a		$3c$
b		
c		

$\Rightarrow a + b + c = ?$

- A) 22 B) 24 C) 27 D) 30 E) 32

9.

x	a	b	c	d
a		$2d$		
b			$3d$	
c				$36a$

+	a	b	c	d
a			20	
b				

$\Rightarrow d - (a + b) = ?$

- A) 10 B) 12 C) 13 D) 15 E) 17

12.

+	a	b	c
a	b	c	d
b	c	d	e
c	d	e	m

x	a	b	c
a	b	d	m
b	d	$2d$	$2m$
c	m	$2m$	$3m$

$\Rightarrow b + d + m = ?$

- A) 14 B) 16 C) 20 D) 24 E) 26

TAKTİK GROUP

1.

▲	3	7	6
4	K	15	14
9	21	L	24
12	27	31	M

$$\Rightarrow M + K + L = ?$$

- A) 45 B) 53 C) 57 D) 64 E) 66

4.

●	16	20	28
4	K	6	8
12	7	8	L
8	6	7	M

$$\Rightarrow K + L - M = ?$$

- A) 4 B) 5 C) 6 D) 9 E) 12

2.

▲	8	14	2
4	M	6	K
7	5	7	L
16	8	10	6

$$\Rightarrow K + L + M = ?$$

- A) 8 B) 9 C) 14 D) 17 E) 18

5.

●	3	9	12
2	9	15	18
7	24	L	K
4	M	21	24

$$\Rightarrow K - L + M = ?$$

- A) 14 B) 16 C) 17 D) 18 E) 20

3.

▲	11	9	12
15	12	18	9
13	K	12	L
19	24	30	M

$$\Rightarrow K + L + M = ?$$

- A) 18 B) 22 C) 26 D) 30 E) 34

6.

●	8	12	6
4	K	L	10
7	20	16	M
9	28	24	30

$$\Rightarrow \frac{K}{L} + M = ?$$

- A) 18 B) 24 C) 32 D) 36 E) 38

7.

■	5	7	13
12	K	25	1
9	16	4	L
4	1	9	M

$\Rightarrow M - K - L = ?$

- A) 16 B) 18 C) 25 D) 27 E) 36

10.

■	8	7
10	6	A
14	18	21

▲	15	12
6	18	12
9	12	B

$\Rightarrow A - B = ?$

- A) 3 B) 4 C) 5 D) 6 E) 9

8.

■	2	3	6
8	M	$2\sqrt{6}$	$4\sqrt{3}$
12	$2\sqrt{6}$	6	K
9	L	$3\sqrt{3}$	$3\sqrt{6}$

$\Rightarrow \frac{K}{L} + M = ?$

- A) 4 B) 6 C) 8 D) 12 E) 15

11.

▲	9	15
7	8	11
21	15	A

●	17	8
19	12	B
4	7	4

$\Rightarrow \frac{A}{B} = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

9.

■	32	15	20
13	K	10	6
17	13	M	10
21	8	9	L

$\Rightarrow \frac{K+L}{M} = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

12.

■	2	1
3	$\frac{5}{6}$	$\frac{4}{3}$
4	A	$\frac{5}{4}$

▲	4	5
3	$\frac{1}{12}$	$\frac{2}{15}$
2	B	$\frac{3}{10}$

$\Rightarrow A + B = ?$

- A) 1 B) 2 C) $\frac{2}{3}$ D) $\frac{3}{4}$ E) 2

TAKTİK GROUP



YANIT ANAHTARI | **ANSWER KEY**

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12
C	C	C	A	A	A	D	D	E	B	B	D

TEST 2

1	2	3	4	5	6	7	8	9	10	11	12
D	C	E	C	D	E	B	A	C	D	A	B

TEST 3

1	2	3	4	5	6	7	8	9	10	11	12
C	B	C	C	D	B	A	D	E	B	C	D

TEST 4

1	2	3	4	5	6	7	8	9	10	11	12
D	C	A	B	D	D	C	C	C	C	D	D

TEST 5

1	2	3	4	5	6	7	8	9	10	11	12
C	E	A	C	A	B	C	B	A	D	E	B

TEST 6

1	2	3	4	5	6	7	8	9	10	11	12
A	B	A	D	E	D	D	D	B	A	A	C

TEST 7

1	2	3	4	5	6	7	8	9	10	11	12
C	B	A	E	B	B	A	A	D	A	B	C

TEST 8

1	2	3	4	5	6	7	8	9	10	11	12
C	A	B	C	E	C	E	E	E	D	A	B

TEST 9

1	2	3	4	5	6	7	8	9	10	11	12
C	E	A	A	B	E	E	D	B	D	B	A

TEST 10

1	2	3	4	5	6	7	8	9	10	11	12
C	A	C	B	B	D	A	C	C	A	D	B

TEST 11

1	2	3	4	5	6	7	8	9	10	11	12
E	B	C	D	D	D	B	E	B	B	C	A

TEST 12

1	2	3	4	5	6	7	8	9	10	11	12
E	E	E	D	C	C	D	B	E	B	B	C

TEST 13

1	2	3	4	5	6	7	8	9	10	11	12
C	A	B	A	C	E	B	D	C	D	A	B

TEST 14

1	2	3	4	5	6	7	8	9	10	11	12
D	C	A	E	E	B	A	B	A	B	D	C

TEST 15

1	2	3	4	5	6	7	8	9	10	11	12
D	D	A	E	E	E	E	D	D	B	E	C

TEST 16

1	2	3	4	5	6	7	8	9	10	11	12
C	E	A	D	A	E	C	D	D	C	B	E

TEST 17

1	2	3	4	5	6	7	8	9	10	11	12
B	A	C	D	A	D	D	D	C	D	A	D

TEST 18

1	2	3	4	5	6	7	8	9	10	11	12
E	B	E	B	E	E	D	C	E	C	B	C

TEST 19

1	2	3	4	5	6	7	8	9	10	11	12
D	E	D	E	A	E	C	E	A	E	D	D

TEST 20

1	2	3	4	5	6	7	8	9	10	11	12
E	B	D	C	D	B	A	B	A	A	B	A



1.

I.

II.

III.

A) B) C)
 D) E)

3.

I.

II.

III.

A) B)
 C)
 D) E)

2.

I.

II.

III.

A) B)
 C)
 D) E)

4.

I.


II.


III.


A) B)
 C)
 D) E)




PUZAYYANLARI



5.

I. 


II. 


III. 


A)  B)  C) 




D)  E) 



7.

I. 


II. 


III. 


A)  B)  C) 




D)  E) 



6.

I. 


II. 


III. 


A)  B)  C) 




D)  E) 



8.

I. 

II. 

III. 

A)  B)  C) 

D)  E) 

1.

I.

II.

III.

A) B) C) D) E)

3.

I.

II.

III.

A) B) C) D) E)

2.

I.

II.

III.

A) B) C) D) E)

4.


I.


II.


III.






A) B) C) D) E)

5.


I. 


II. 


III. 






A)  B)  C) 
D)  E) 

7.


I. 


II. 


III. 






A)  B)  C) 
D)  E) 

6.


I. 


II. 


III. 






A)  B)  C) 
D)  E) 

8.

I. 

II. 

III. 

A)  B)  C) 
D)  E) 

1.

I.



II.



III.



A) ▲▲

B) ■■

C) ▲▲▲

D) ■▲▲

E) ■■▲

3.

I.



II.



III.



A) ■■▲▲

B) ●●■

C) ■■▲▲

D) ▲▲●●

E) ●▲▲▲

2.

I.



II.



III.



A) ■■

B) ■●

C) ●●

D) ■■■●

E) ■■■●

4.

I.



II.



III.



A) ●●


B) ■■■■


C) ▲▲■


D) ●●▲

E) ■■■●

5.


I. 


II. 


III. 

A) ●● B) ■■ C) ●●■
D) ●●● E) ▲▲

7.


I. 


II. 


III. 

A) ■ B) ■■ C) ★
D) ★★ E) ■■

6.


I. 


II. 


III. 

A) ●●● B) ▲● C) ▲▲
D) ●●●▲ E) ▲●●

8.

I. 

II. 

III. 

A) ■■▲ B) ■■▲▲ C) ▲▲▲
D) ■■ E) ★★★★★

1.

I.

II.

III.

A) ●●●▲ B) ▲▲● C) ●□
 D) □□ E) ●●●

3.

I.

II.

III.

A) ▲▲▲ B) ▲▲ C) ■▲▲
 D) ●▲▲ E) ■■▲

2.

I.

II.

III.

A) ★★ B) ●● C) ●●□□
 D) ★★★● E) ●●●

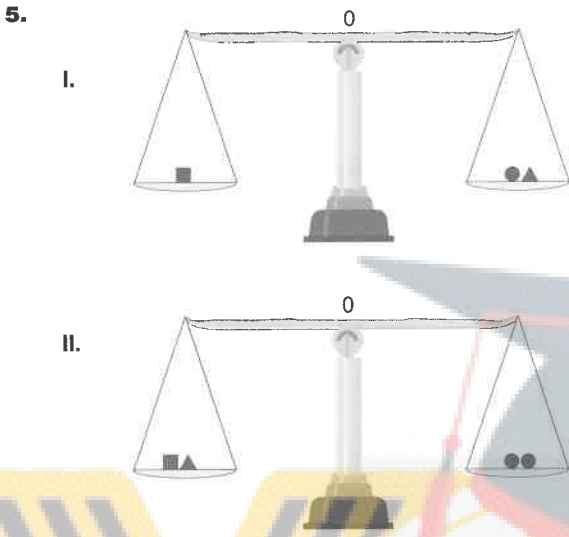
4.

I.

II.

III.

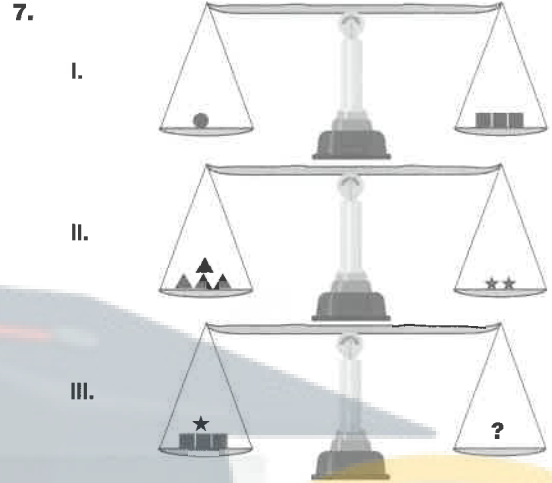
A) ■★★★ B) ★★★★★ C) ●●●●●★
 D) ★★★★★★ E) ■●★●★



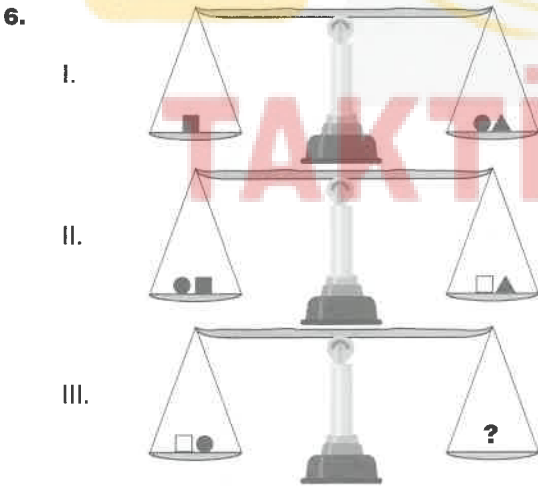
I. ve II. terazi dengede olduğuna göre, ■, ● ve ▲ arasındaki ilişki aşağıdakilerden hangisidir ?

In accordance with I and II, what is the relation between ■, ● and ▲ given the following?

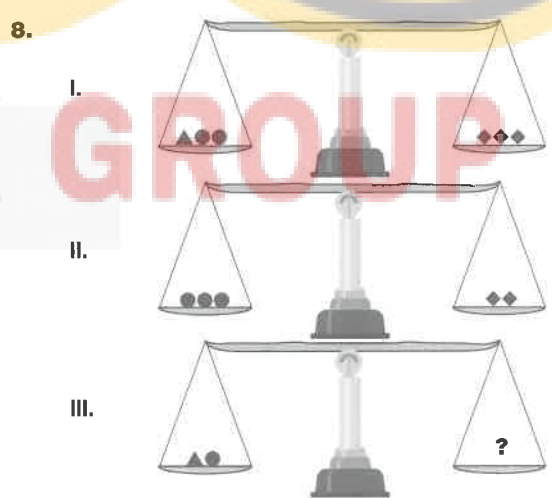
- A) ▲ > ● > ■ B) ■ > ● > ▲ C) ■ > ● = ▲
D) ● > ■ > ▲ E) ■ > ▲ > ●



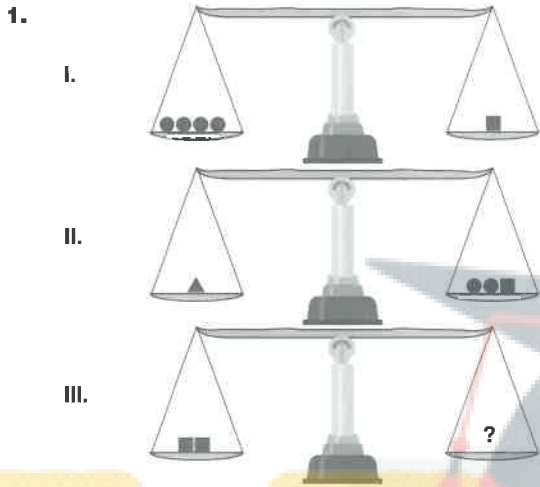
- A) ▲▲● B) ▲■ C) ▲■★
D) ▲▲▲ E) ★★■



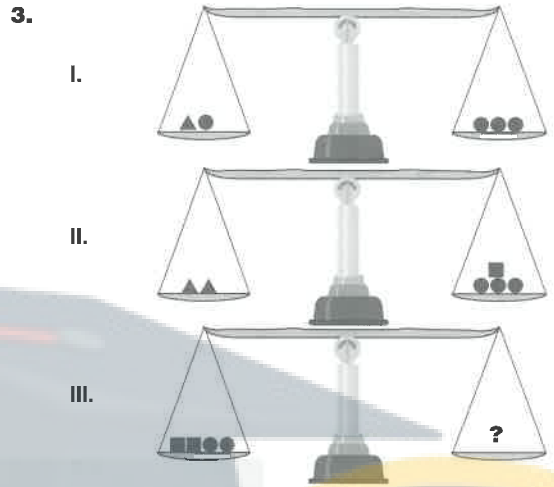
- A) ●●● B) ▲▲ C) ●▲
D) ■■● E) ■■■●



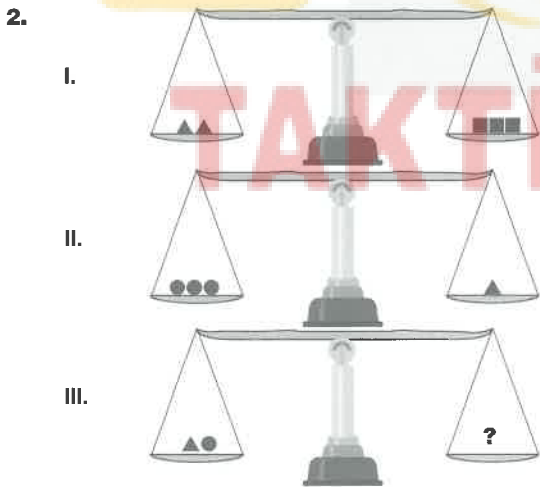
- A) ◆◆ B) ●● C) ◆●●
D) ◆ E) ▲▲



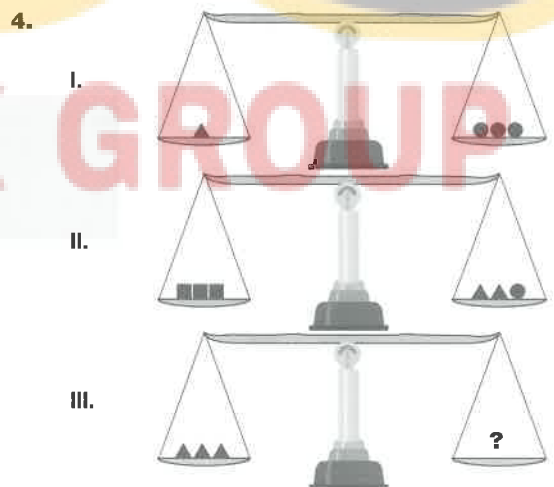
- A) ●●●● B) ▲●●● C) ▲▲●●
D) ■▲●● E) ■▲▲▲



- A) ▲▲ B) ▲▲■ C) ▲▲▲
D) ■▲▲▲ E) ▲▲▲●





- A) ■■ B) ■▲ C) ■●●
D) ■▲▲ E) ●●●●









- A) ■■■■ B) ■■■●● C) ■■■●●●
D) ■■■●●● E) ■■■●●●●

5.


I. 


II. 


III. 






A)  B)  C) 
D)  E) 

7.


I. 


II. 


III. 






A)  B)  C) 
D)  E) 

6.


I. 


II. 


III. 






A)  B)  C) 
D)  E) 

8.

I. 

II. 

III. 

A)  B)  C) 
D)  E) 

1.

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II.

III.

A) B) C) D) E)

3.

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II.

III.

A) B) C) D) E)

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II.

III.

A) B) C) D) E)

4.

I.

II.

III.

A) B) C) D) E)

5.

I.

II.

III.

A) ★★★ B) ●★ C) ■■ ★
D) ★★★● E) ●●★

7.

I.

II.

III.

A) ■■■ B) ■■■▲ C) ▲■■■
D) ■■■■■ E) ■■■■

6.

I.

II.

III.

A) ★★ B) ●▲ C) ★▲
D) ★● E) ■★●

8.

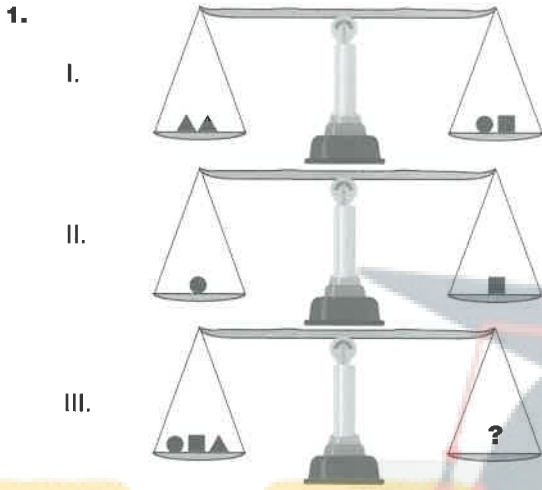
I.

II.

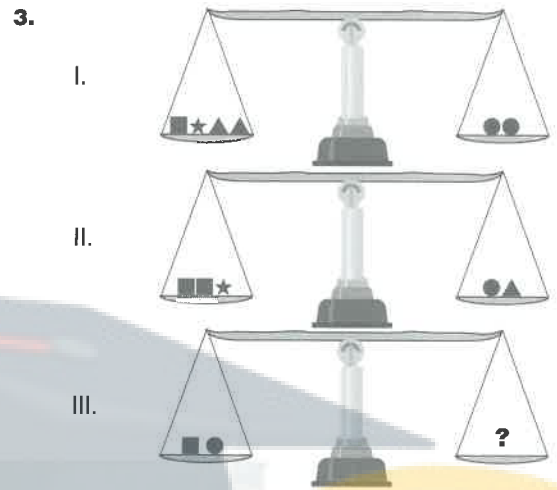
III.

A) ▲ B) ▲■ C) ▲▲▲
D) ▲▲ E) ▲▲■

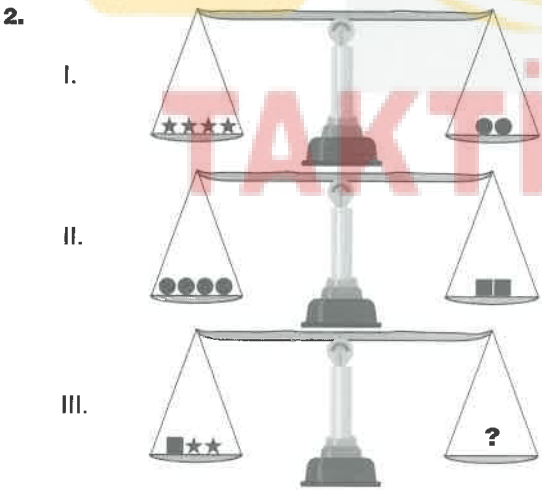
PUZAYIMLARI



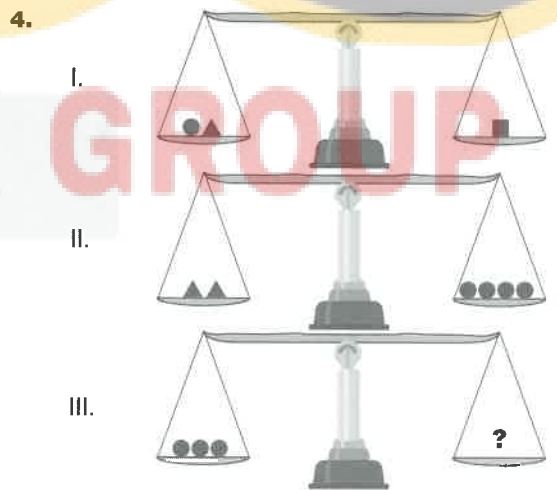
- A) ▲▲ B) ●● C) ●●■ ■
D) ▲▲●● E) ●●●●



- A) ▲▲■ B) ▲▲■ ■ C) ▲▲▲
D) ▲▲ E) ■■





- A) ●●● B) ●● C) ●●●■
D) ■■● E) ★●●




- A) ■ B) ■■ C) ■▲
D) ●▲▲ E) ▲▲

5.


I. 


II. 


III. 

A) ●●●▲ B) ▲●●■ C) ●●●■
D) ●■ E) ●●

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I. 


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III. 

A) ■■ B) ▲▲▲ C) ●●▲
D) ■■● E) ▲▲▲

6.


I. 


II. 


III. 

A) ★★ B) ●▲ C) ★▲
D) ■▲● E) ■★●

8.


I. 


II. 


III. 






A) ▲▲ B) ▲★ C) ▲▲★
D) ▲▲▲ E) ■■

1.


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III. 






A)  B)  C) 
D)  E) 

3.


I. 


II. 


III. 






A)  B)  C) 
D)  E) 

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



A)  B)  C) 
D)  E) 

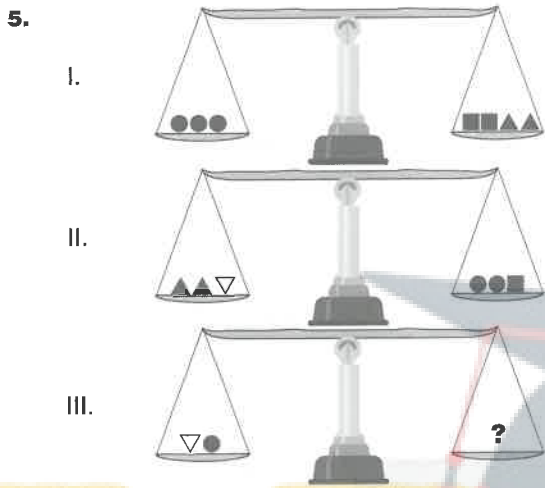
4.

I. 

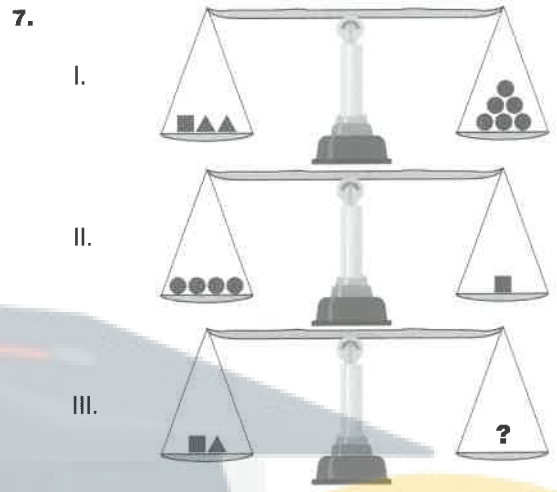
II. 

III. 

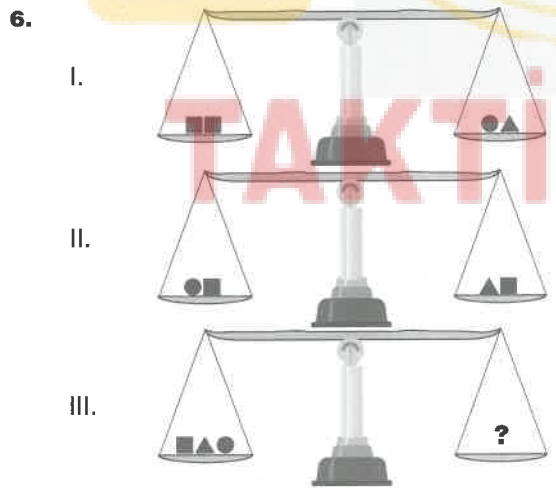
A)  B)  C) 
D)  E) 



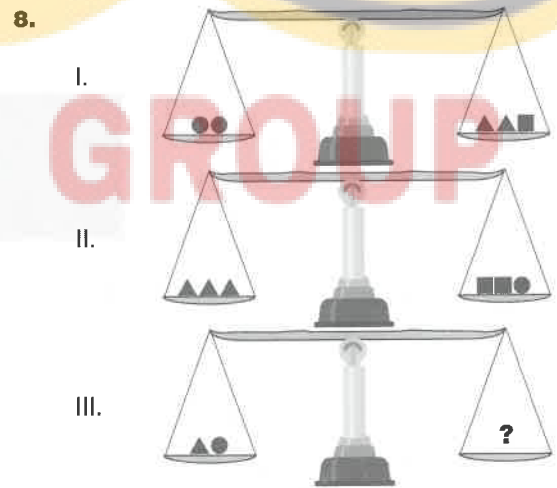
- A) ■■ B) ■▽ C) ■■▽
 D) ■■■ E) ▲▲



- A) ●●●● B) ●●● C) ■■
 D) ▲▲ E) ●●●●●



- A) ■■ B) ●● C) ●●▲▲
 D) ■■■● E) ●●●



- A) ▲▲ B) ▲■■ C) ■■■
 D) ▲▲■ E) ■■■●

PUZAYKINLARI

TAKTİK GROUP

1.

I.



II.



III.



A) ▲▲

B) ●●

C) ▲●

D) ▲▲●

E) ▲●●

3.

I.



II.



III.



A) ▼▼

B) ▼●

C) ▼▼▲

D) ▼▼●

E) ▲▲▼▼

2.

I.



II.



III.



A) ■■■■

B) ★■

C) ★★

D) ■■■★

E) ★■■■

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I.



II.



III.



A) ▲▲

B) ▲▲■

C) ▲▲▲

D) ■▲▲▲

E) ▲▲▲●

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III.

A) B) C)
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A) B)
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A) B)
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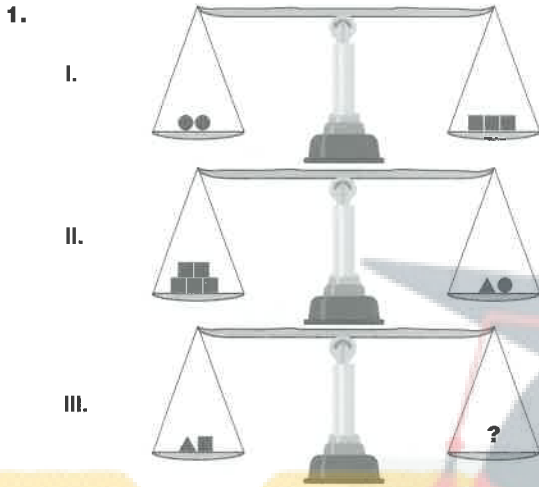
I.

II.

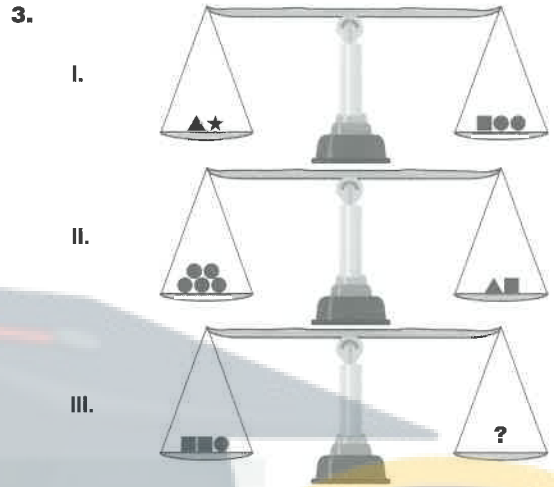
III.

A) B)
C)
D) E)

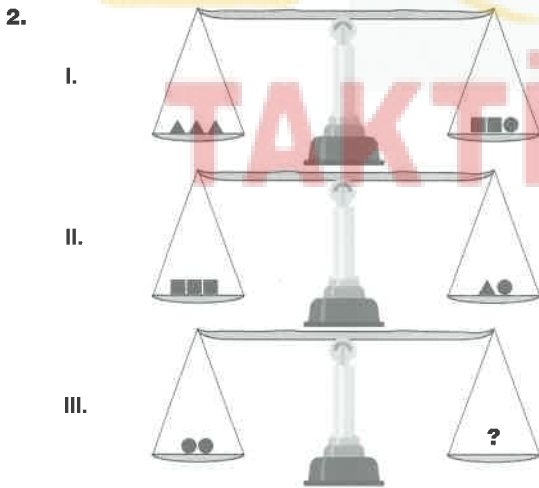
PUZAYINLARI



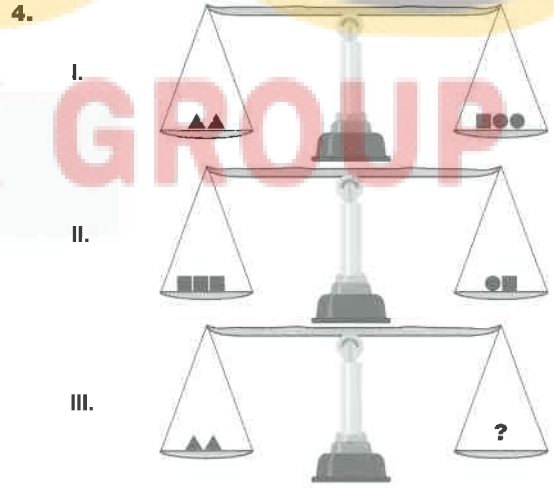
- A) ■■■ B) ●● C) ●●
D) ■■■● E) ●●■



- A) ★★ ■ B) ■■ ★ ● C) ★ ● ● ● ●
D) ▲ ● ● E) ★ ▲ ● ●





- A) ▲▲ B) ■■ C) ▲■
D) ▲▲■ E) ▲▲■




- A) ●●●■ B) ▲●● C) ●●■■■
D) ●●● E) ■■■■

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I. 


II. 


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A) ●● B) ●▲ C) ▲▲
D) ●●▲ E) ●●▲▲

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A) ■■■ B) ●●● C) ■■■
D) ●●● E) ●■■■

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A) ■▲▲ B) ▲▲▲■ C) ●●●■▲
D) ■■■■ E) ●●■▲▲

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A) ▲▲■ B) ▲● C) ▲●★
D) ▲▲▲ E) ★★●

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A) B) C) D) E)

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A) B) C) D) E)

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A) B) C) D) E)

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A) B) C) D) E)

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III.

A) ●● B) ▲●● C) ★■▲
 D) ★▲■ E) ★★■

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III.

A) ●●●■▲ B) ●●■ C) ■■▲●★
 D) ★▲●●● E) ★●●▲■

6.

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II.

III.

A) ▲▲ B) ▲▲▲ C) ▲★★
 D) ●▲▲ E) ▲▲★

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III.

A) ■■▲▲▲ B) ▲■■■ C) ■■▲▲▲
 D) ▲▲▲▲▲ E) ■■■■

PUZAYAYINLARI

TAKTİK GROUP

1.

I.

II.

III.

IV.

A) ● B) ●● C) ●●●
 D) ■■■ E) ▲▲

2.

I.

II.

III.

IV.

A) ▲▲■ B) ▲▲▲ C) ●●
 D) ■▲▼▼ E) ●●●

3.

I.

II.

III.

IV.

A) ●● B) ●▼ C) ■■
 D) ▲▲■ E) ■■■

4.

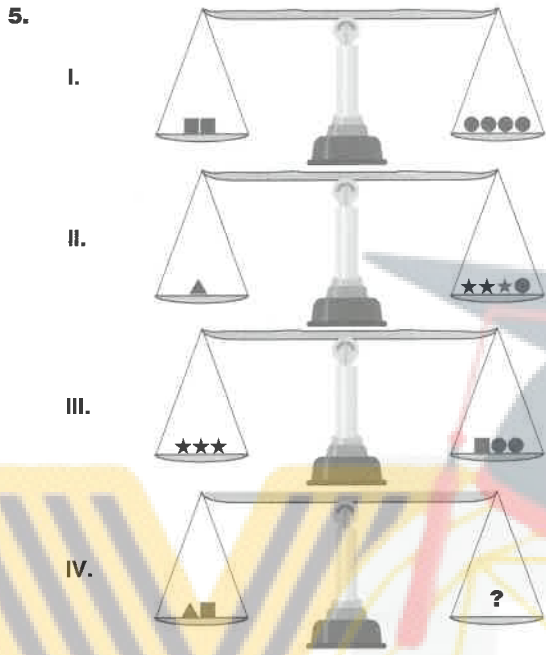
I.

II.

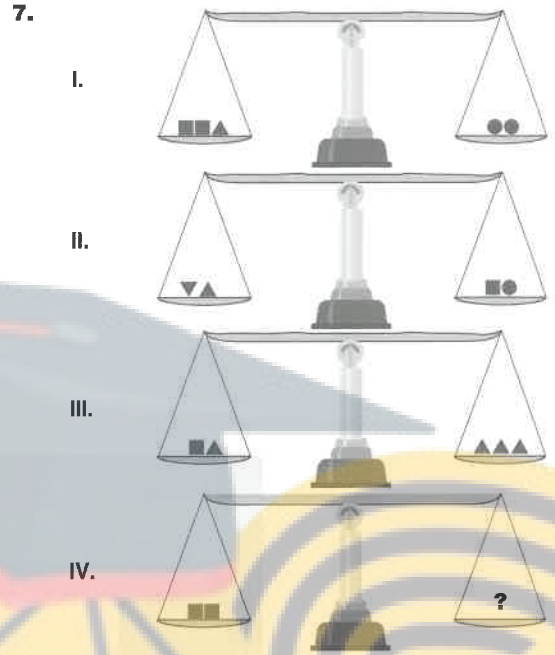
III.

IV.

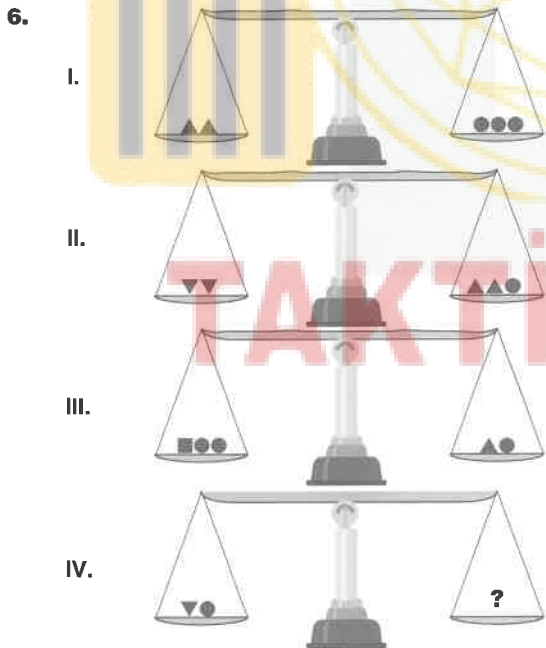
A) ■■ B) ■■■ C) ★★▲
 D) ★★ E) ★



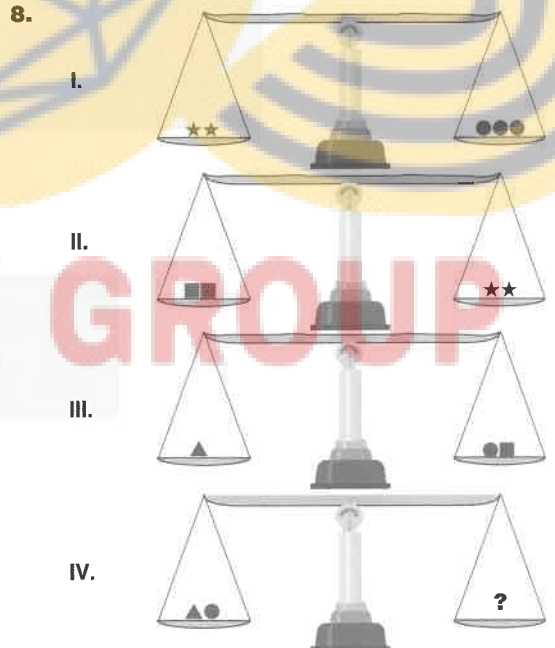
- A) ●● B) ●●● C) ★★★
- D) ★★★●●● E) ●●●●



- A) ▼▼● B) ●▲ C) ▲▲▲
- D) ▲▲▲▲ E) ▼▲▲▲



- A) ▲ B) ■▲● C) ●●
- D) ▼▼ E) ▲▲▲



- A) ●▲▲ B) ■■ C) ★●●
- D) ■■★ E) ★★

PUZAYINLARI

TAKTİK GROUP

1.

I.

II.

III.

IV.

A) ▲ B) ▲● C) ▲■
D) ▲▲ E) ▲■●

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III.

IV.

A) ● B) ●● C) ▼
D) ▼▼ E) ▼●

3.

I.

II.

III.

IV.

A) ▲ B) ▼▼ C) ▲■
D) ●●●▲ E) ■■■

4.

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II.

III.

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A) ▲ B) ▲● C) ■■■▼
D) ▲▲● E) ▲▲▲●●

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A) B) C)
D) E)

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D) E)

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A) B) C)
D) E)

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A) B) C)
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A) ★● B) ▲● C) ▲
D) ▲▲ E) ●●●●

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A) ■▲▲ B) ▲▲▲ C) ■■■■■
D) ●●●●■ E) ●▲▲

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I.

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III.

IV.

A) ★ B) ★★ C) ★▲
D) ▲▲ E) ★★★

4.

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III.

IV.

A) ▲▲▲ B) ▲▲ C) ●▲
D) ● E) ●●

5.

I.



II.



III.



IV.



- A) ▲▲▲▲
- B) ▲▲▲■
- C) ■■▲▲
- D) ★▲▲
- E) ★■▲

6.

I.



II.



III.



IV.



- A) ★
- B) ★★
- C) ★■
- D) ■■
- E) ■■■

7.

I.



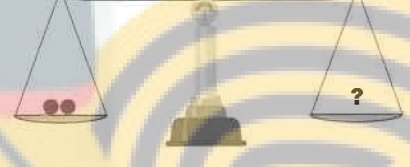
II.



III.



IV.



- A) ★■
- B) ■■■■
- C) ■★★
- D) ★★★
- E) ▲▲▲

8.

I.



II.



III.



IV.



- A) ●●●●
- B) ■●●
- C) ▲▲●●
- D) ★★★★★
- E) ●●■■

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A) B) C)
 D) E)

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A) B)
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 D) E)

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A) B)
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 D) E)

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A) B)
 C)
 D) E)

5.

I.

II.

III.

IV.

A) ●● B) ▲▲▲ C) ▲●

D) ★★ E) ▲▲●

7.

I.

II.

III.

IV.

A) ●●● B) ■■● C) ●●●■

D) ●●▲ E) ▲■■●

6.

I.

II.

III.

IV.

A) ●●● B) ●● C) ■▲▲

D) ▲▲● E) ●▲■

8.

I.

II.

III.

IV.

A) ■★ B) ●● C) ●★★

D) ★★★★★ E) ■★★

TERAZİLER
SCALES

YANIT ANAHTARI | ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8
C	A	D	E	D	D	B	B

TEST 2

1	2	3	4	5	6	7	8
E	A	E	A	D	B	A	C

TEST 3

1	2	3	4	5	6	7	8
B	B	C	A	D	D	C	C

TEST 4

1	2	3	4	5	6	7	8
E	E	A	D	B	A	A	C

TEST 5

1	2	3	4	5	6	7	8
B	A	A	D	B	B	C	B

TEST 6

1	2	3	4	5	6	7	8
D	B	A	D	E	D	D	B

TEST 7

1	2	3	4	5	6	7	8
E	A	C	A	E	C	A	D

TEST 8

1	2	3	4	5	6	7	8
B	C	E	D	D	E	E	C

TEST 9

1	2	3	4	5	6	7	8
D	D	A	A	B	C	C	D

TEST 10

1	2	3	4	5	6	7	8
D	D	C	C	B	D	A	A

TEST 11

1	2	3	4	5	6	7	8
E	E	E	A	E	B	E	D

TEST 12

1	2	3	4	5	6	7	8
B	B	D	C	D	B	D	C

TEST 13

1	2	3	4	5	6	7	8
A	A	B	C	A	E	E	C

TEST 14

1	2	3	4	5	6	7	8
E	D	A	B	B	A	A	C

TEST 15

1	2	3	4	5	6	7	8
A	C	C	B	C	B	A	E



1.
$$\begin{array}{r} AB5 \\ + 28A \\ \hline C79 \end{array} \Rightarrow C = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8

5.
$$\begin{array}{r} 57A \\ + A49 \\ \hline 9BB \end{array} \Rightarrow A = ?$$

- A) 3 B) 4 C) 6 D) 8 E) 9

2.
$$\begin{array}{r} A57 \\ + 7AA \\ \hline 1C90 \end{array} \Rightarrow C = ?$$

- A) 0 B) 2 C) 4 D) 5 E) 8

6.
$$\begin{array}{r} A78 \\ + B4A \\ \hline 1CC4 \end{array} \Rightarrow B = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

3.
$$\begin{array}{r} A37 \\ + 8AA \\ \hline DCB9 \end{array} \Rightarrow A + C = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

7.
$$\begin{array}{r} 57A \\ + 2B1 \\ \hline 86B \end{array} \Rightarrow A = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8

4.
$$\begin{array}{r} 3A4 \\ + BAB \\ \hline 949 \end{array} \Rightarrow A + B = ?$$

- A) 2 B) 7 C) 8 D) 10 E) 12

8.
$$\begin{array}{r} A7A \\ + 7A7 \\ \hline DB3C \end{array} \Rightarrow C + B = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

9.
$$\begin{array}{r} AA5 \\ + 68B \\ \hline B14 \end{array} \Rightarrow A + B = ?$$

A) 6 B) 8 C) 9 D) 11 E) 13

13.
$$\begin{array}{r} 3AB \\ + 4AC \\ \hline BCA \end{array} \Rightarrow A = ?$$

A) 2 B) 5 C) 6 D) 7 E) 8

10.
$$\begin{array}{r} 3B8 \\ + 1AA \\ \hline A7B \end{array} \Rightarrow A + B = ?$$

A) 5 B) 6 C) 7 D) 8 E) 9

14.
$$\begin{array}{r} 3AB \\ + C23 \\ \hline B09 \end{array} \Rightarrow A - (B - C) = ?$$

A) 1 B) 2 C) 3 D) 4 E) 5

11.
$$\begin{array}{r} A49 \\ + 5AB \\ \hline BB6 \end{array} \Rightarrow A + B = ?$$

A) 7 B) 8 C) 9 D) 10 E) 11

15.
$$\begin{array}{r} 2BA \\ + B1C \\ \hline AC9 \end{array} \Rightarrow A = ?$$

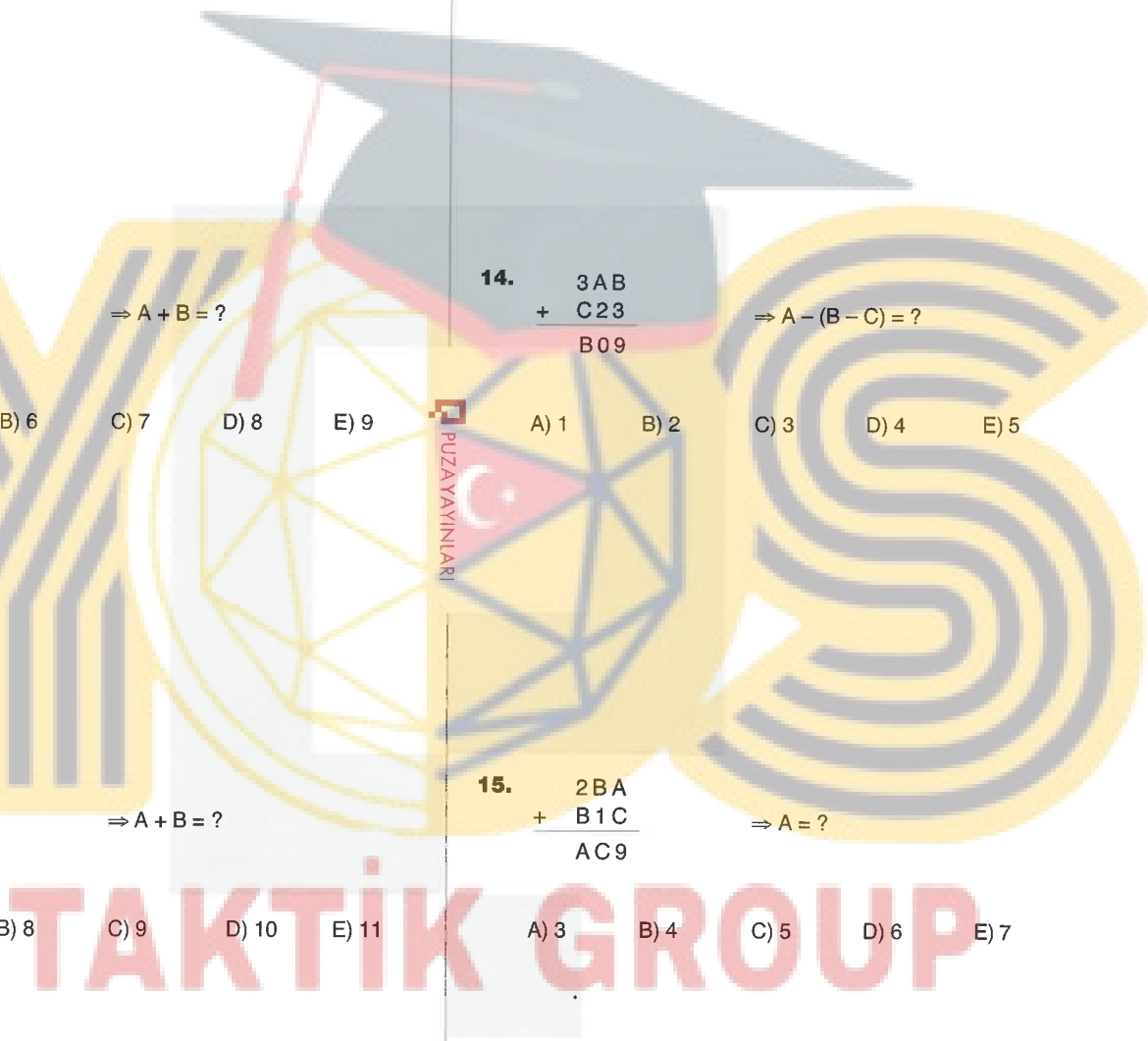
A) 3 B) 4 C) 5 D) 6 E) 7

12.
$$\begin{array}{r} AB8 \\ + B2A \\ \hline 6C3 \end{array} \Rightarrow C = ?$$

A) 2 B) 3 C) 4 D) 5 E) 6

16.
$$\begin{array}{r} 8BA \\ + CB5 \\ \hline 1A69 \end{array} \Rightarrow |B - C| = ?$$

A) 2 B) 3 C) 4 D) 5 E) 6



1.
$$\begin{array}{r} AB7 \\ + AB \\ \hline CDB5 \end{array} \Rightarrow A+B+C+D=?$$

A) 16 B) 17 C) 18 D) 19 E) 20

5.
$$\begin{array}{r} AB47 \\ + 6CBC \\ \hline D8D2 \end{array} \Rightarrow D+B=?$$

A) 9 B) 10 C) 11 D) 12 E) 13

2.
$$\begin{array}{r} ABC5 \\ + 8AC \\ \hline BA02 \end{array} \Rightarrow A+B+C=?$$

A) 9 B) 10 C) 11 D) 12 E) 13

6.
$$\begin{array}{r} ABC8 \\ + B2AC \\ \hline D815 \end{array} \Rightarrow D=?$$

A) 4 B) 6 C) 7 D) 8 E) 9

3.
$$\begin{array}{r} AB4AA \\ + 6789 \\ \hline B0ACC \end{array} \Rightarrow A+B+C=?$$

A) 5 B) 6 C) 7 D) 8 E) 9

7.
$$\begin{array}{r} AB7A \\ + 4CB5 \\ \hline 13C7C \end{array} \Rightarrow A+B+C=?$$

A) 12 B) 15 C) 17 D) 20 E) 22

4.
$$\begin{array}{r} ABA5B \\ + C5DD \\ \hline B1C52 \end{array} \Rightarrow A+B=?$$

A) 4 B) 5 C) 8 D) 10 E) 13

8.
$$\begin{array}{r} ABC4 \\ + 72D \\ \hline C30B \end{array} \Rightarrow C=?$$

A) 3 B) 5 C) 6 D) 7 E) 8

TAKTIK GROUP

9.
$$\begin{array}{r} ABCAB \\ + CAACB \\ \hline B5BB6 \end{array} \Rightarrow A+B+C=?$$

A) 6 B) 8 C) 10 D) 11 E) 13

13.
$$\begin{array}{r} ABCDEF2H \\ + FEDCBA90 \\ \hline HGGGGGGHH \end{array} \Rightarrow \frac{A+B+C+D+E+F}{G+H}=?$$

A) 9 B) 12 C) 18 D) 22 E) 27

10.
$$\begin{array}{r} ABCCDB \\ + 21ACBD \\ \hline EA8710 \end{array} \Rightarrow A+B+C+D+E=?$$

A) 18 B) 19 C) 23 D) 24 E) 25

14.
$$\begin{array}{r} AABBA \\ + BBAAB \\ \hline DCC2CCD \end{array} \Rightarrow \frac{A+B+D}{C}=?$$

A) 6 B) 7 C) 8 D) 9 E) 13

11.
$$\begin{array}{r} A9B \\ + BB \\ \hline 5B6 \end{array} \Rightarrow A+B=?$$

A) 9 B) 11 C) 12 D) 14 E) 17

15.
$$\begin{array}{r} AAAAA \\ + BBBB \\ \hline CAAAA7 \end{array} \Rightarrow B-A+C=?$$

A) 2 B) 4 C) 7 D) 8 E) 9

12.
$$\begin{array}{r} 1BABB \\ + 7DD8 \\ \hline CCABC \end{array} \Rightarrow \frac{B+D+C}{3}=?$$

A) 4 B) 5 C) 6 D) 7 E) 8

16.
$$\begin{array}{r} ABCDEFGH \\ + KHGFEDCB \\ \hline AAAAAAAL \end{array} \Rightarrow \frac{G+D+B+F+H+C}{2 \cdot E}=?$$

A) 2 B) 3 C) 4 D) 6 E) 7

TAKTİK GROUP

1.
$$\begin{array}{r} ABC \\ CBA \\ + BAC \\ \hline C404 \end{array} \Rightarrow A+B+C=?$$

- A) 8 B) 11 C) 12 D) 13 E) 15

5.
$$\begin{array}{r} ABC \\ BCA \\ + CAB \\ \hline 2553 \end{array} \Rightarrow \text{Min}(ABC) = ?$$

- A) 689 B) 137 C) 169 D) 679 E) 468

2.
$$\begin{array}{r} ABC \\ CA7 \\ + BAC \\ \hline 1205 \end{array} \Rightarrow A+B+C=?$$

- A) 10 B) 11 C) 12 D) 13 E) 14

6.
$$\begin{array}{r} MNPQ \\ MNPQ \\ + MNPQ \\ \hline 1M0QQ \end{array} \Rightarrow M+N+P+Q=?$$

- A) 19 B) 20 C) 23 D) 27 E) 30

3.
$$\begin{array}{r} ABC \\ ABC \\ + ABC \\ \hline 1428 \end{array} \Rightarrow A \cdot B + C = ?$$

- A) 28 B) 30 C) 34 D) 38 E) 40

7.
$$\begin{array}{r} 3AB7 \\ 46AB \\ + 3CCC \\ \hline 11393 \end{array} \Rightarrow A+B+C=?$$

- A) 6 B) 8 C) 11 D) 13 E) 14

4.
$$\begin{array}{r} C231 \\ AA3 \\ + CBB \\ \hline A2A0 \end{array} \Rightarrow A+B+C=?$$

- A) 13 B) 15 C) 16 D) 17 E) 19

8.
$$\begin{array}{r} ABCD \\ BCD3 \\ CD33 \\ + D333 \\ \hline 24306 \end{array} \Rightarrow A+B+C+D=?$$

- A) 17 B) 19 C) 22 D) 24 E) 26

9.

$$\begin{array}{r} D \\ CD \\ BCD \\ + ABCD \\ \hline 2332 \end{array} \Rightarrow \text{Min}(A+B+C+D) = ?$$

A) 10 B) 14 C) 15 D) 16 E) 21

13.

$$\begin{array}{r} N \\ N \\ N \\ + N \\ \hline KL \end{array} \quad \frac{KL}{M} = N \quad \Rightarrow M = ?$$

A) 2 B) 3 C) 4 D) 5 E) 6

10.

$$\begin{array}{r} KLM \\ LKM \\ MLK \\ KML \\ LMK \\ + MKL \\ \hline 3108 \end{array} \Rightarrow K+L+M = ?$$

A) 8 B) 9 C) 12 D) 14 E) 17

11.

$$\begin{array}{r} PQ \\ QP \\ MN \\ NM \\ RS \\ + SR \\ \hline 275 \end{array} \Rightarrow P+Q+M+N+R+S = ?$$

A) 15 B) 25 C) 35 D) 45 E) 55

12.

$$\begin{array}{r} MN \\ MN \\ MN \\ + MN \\ \hline 34M \end{array} \Rightarrow M+N = ?$$

A) 9 B) 10 C) 11 D) 14 E) 15

14. $MN + NM + MM + NN = 286$
 $\Rightarrow \text{Max}(MN) = ?$

A) 85 B) 96 C) 94 D) 76 E) 58

15. $\frac{KLK LKL}{KL} + \frac{LLL}{L} + \frac{KK}{K} = ?$

A) 120331 B) 10223 C) 10332
 D) 10133 E) 120322

TAKTİK GROUP

1.
$$\begin{array}{r} PK \\ - KP \\ \hline R5 \end{array} \Rightarrow R = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

5.
$$\begin{array}{r} KM \\ - MK \\ \hline L3 \end{array} \Rightarrow L = ?$$

- A) 2 B) 4 C) 5 D) 6 E) 7

2.
$$\begin{array}{r} A5C \\ - 16 \\ \hline 2CB \end{array} \Rightarrow A + B + C = ?$$

- A) 9 B) 11 C) 12 D) 14 E) 15

6.
$$\begin{array}{r} 473 \\ - 2AB \\ \hline 1AA \end{array} \Rightarrow A + B = ?$$

- A) 3 B) 11 C) 12 D) 13 E) 14

3.
$$\begin{array}{r} ABA \\ - AB \\ \hline 163 \end{array} \Rightarrow A + B = ?$$

- A) 7 B) 8 C) 9 D) 10 E) 12

7.
$$\begin{array}{r} ABA \\ - BA6 \\ \hline 3C2 \end{array} \Rightarrow B + C = ?$$

- A) 8 B) 10 C) 11 D) 12 E) 14

4.
$$\begin{array}{r} 88A \\ - AA8 \\ \hline 5BC \end{array} \Rightarrow A + B + C = ?$$

- A) 8 B) 10 C) 11 D) 12 E) 15

8.
$$\begin{array}{r} AB5 \\ - DDD \\ \hline 543 \end{array} \Rightarrow A + B - D = ?$$

- A) 4 B) 6 C) 8 D) 9 E) 11

9.
$$\begin{array}{r} \text{AB9} \\ - \text{B3A} \\ \hline 28\text{C} \end{array} \Rightarrow \text{C} = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8

13.
$$\begin{array}{r} \text{ABB} \\ - \text{BAA} \\ \hline 89 \end{array} \Rightarrow \text{Max (A + B)} = ?$$

- A) 11 B) 13 C) 14 D) 15 E) 17

10.
$$\begin{array}{r} \text{ABC} \\ - \text{BCA} \\ \hline 56\text{A} \end{array} \Rightarrow \text{B} = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

14.
$$\begin{array}{r} \text{ABC} \\ - \text{DDD} \\ \hline 268 \end{array} \Rightarrow \text{Max (D)} = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

11.
$$\begin{array}{r} \text{A8B} \\ - \text{BAC} \\ \hline \text{C27} \end{array} \Rightarrow \text{A + B + C} = ?$$

- A) 8 B) 10 C) 11 D) 13 E) 14

15.
$$\begin{array}{r} \text{ABB} \\ - \text{BAA} \\ \hline 445 \end{array} \Rightarrow \text{Max (A + B)} = ?$$

- A) 10 B) 12 C) 13 D) 14 E) 17

12.
$$\begin{array}{r} 7\text{AB} \\ - \text{CBA} \\ \hline \text{CB4} \end{array} \Rightarrow \text{A + B + C} = ?$$

- A) 9 B) 10 C) 11 D) 14 E) 15

16.
$$\begin{array}{r} \text{ABC} \\ - \text{CBA} \\ \hline 198 \end{array} \Rightarrow \text{Max (ABC)} = ?$$

- A) 941 B) 543 C) 873
D) 987 E) 752

TAKTİK GROUP

1.
$$\begin{array}{r} _ BA2A \\ _ BBA2 \\ \hline _ B55 \end{array} \Rightarrow A + B = ?$$

- A) 8 B) 9 C) 10 D) 11 E) 12

5.
$$\begin{array}{r} _ AABA6 \\ _ 4BEBA \\ \hline _ E3E3E \end{array} \Rightarrow A + B + E = ?$$

- A) 6 B) 8 C) 9 D) 11 E) 13

2.
$$\begin{array}{r} _ A6BCD \\ _ 4C7B6 \\ \hline _ CBD09 \end{array} \Rightarrow A + B + C = ?$$

- A) 9 B) 10 C) 12 D) 14 E) 19

6.
$$\begin{array}{r} _ ABC57D \\ _ DACBC3 \\ \hline _ DCEE59 \end{array} \Rightarrow A + B + E - C - D = ?$$

- A) 0 B) 3 C) 4 D) 6 E) 9

3.
$$\begin{array}{r} _ 4ABC9 \\ _ CBABC \\ \hline _ 11A86 \end{array} \Rightarrow A + B + C = ?$$

- A) 13 B) 15 C) 18 D) 19 E) 21

7.
$$\begin{array}{r} _ AABBC7 \\ _ BBCCAA \\ \hline _ 328879 \end{array} \Rightarrow A + B + C = ?$$

- A) 12 B) 15 C) 17 D) 19 E) 23

4.
$$\begin{array}{r} _ 76BAC5 \\ _ C1DE5B \\ \hline _ AAABDC \end{array} \Rightarrow D + E = ?$$

- A) 3 B) 5 C) 7 D) 9 E) 11

8.
$$\begin{array}{r} _ ABCCBA \\ _ CBAABC \\ \hline _ 296703 \end{array} \Rightarrow \text{Max}(A + C) = ?$$

- A) 7 B) 8 C) 11 D) 13 E) 15

9.
$$\begin{array}{r} \text{ACAD} \\ \text{CADA} \\ \hline 0945 \end{array}$$
 $C > D$
 $\Rightarrow \text{Max}(C) = ?$

A) 4 B) 6 C) 7 D) 8 E) 9

13.
$$\begin{array}{r} \text{AB1CAD} \\ \text{DC3BCB} \\ \hline 137628 \end{array}$$
 $\Rightarrow \text{Max}(D) = ?$

A) 4 B) 6 C) 7 D) 8 E) 9

10.
$$\begin{array}{r} \text{ABABAB} \\ \text{BABABA} \\ \hline 90909 \end{array}$$
 $\Rightarrow \text{Min}(A + B) = ?$

A) 3 B) 4 C) 6 D) 7 E) 11

14.
$$\frac{(\text{KLM}) - (\text{MLK})}{(\text{KM}) - (\text{MK})} = ?$$

A) 8 B) 10 C) 11 D) 13 E) 14

11.
$$\begin{array}{r} \text{ABCDBA} \\ \text{CDABDC} \\ \hline 277183 \end{array}$$
 $\Rightarrow \text{Max}(B) = ?$

A) 5 B) 6 C) 7 D) 8 E) 9

15. $\text{ABCD} - \text{DCBA} = 3087$
 $\Rightarrow \text{Max}(A + B + C + D) = ?$

A) 16 B) 17 C) 19 D) 24 E) 30

12.
$$\begin{array}{r} \text{ABAABA} \\ \text{BABBAB} \\ \hline 182182 \end{array}$$
 $\Rightarrow \text{Max}(B) = ?$

A) 3 B) 5 C) 7 D) 8 E) 9

16. $\text{ABCD} - \text{CDAB} = 2079$
 $\Rightarrow \text{AB} - \text{CD} = ?$

A) 21 B) 22 C) 23 D) 24 E) 26

TAKTİK GROUP

1.
$$\begin{array}{r} AB \\ \times B \\ \hline 1AB \end{array} \Rightarrow A+B=?$$

A) 6 B) 7 C) 8 D) 9 E) 10

5.
$$\begin{array}{r} AB \\ \times AC \\ \hline BC \\ + AB \\ \hline DDC \end{array} \Rightarrow A+B+C+D=?$$

A) 9 B) 11 C) 13 D) 14 E) 16

2.
$$\begin{array}{r} AAA \\ \times B \\ \hline 1AA2 \end{array} \Rightarrow A+B=?$$

A) 7 B) 9 C) 12 D) 14 E) 17

6.
$$\begin{array}{r} AB \\ \times CD \\ \hline D8 \\ + C6 \\ \hline D08 \end{array} \Rightarrow A+B+C+D=?$$

A) 10 B) 12 C) 15 D) 17 E) 21

3.
$$\begin{array}{r} BC \\ \times CC \\ \hline 2AB \\ + 2AB \\ \hline 290B \end{array} \Rightarrow 2A-B=?$$

A) 4 B) 5 C) 7 D) 8 E) 9

7.
$$\begin{array}{r} AB \\ \times 4C \\ \hline D8 \\ + E6 \\ \hline EB8 \end{array} \Rightarrow A+B+C+D+E=?$$

A) 14 B) 16 C) 17 D) 18 E) 22

4.
$$\begin{array}{r} AB \\ \times 3A \\ \hline 1C8 \\ + 1BC \\ \hline 1AB8 \end{array} \Rightarrow A+B+C=?$$

A) 8 B) 12 C) 16 D) 18 E) 24

8.
$$\begin{array}{r} AB \\ \times 2A \\ \hline 5DD \\ + D46 \\ \hline D9AD \end{array} \Rightarrow A+B+D=?$$

A) 9 B) 11 C) 13 D) 15 E) 22

9.
$$\begin{array}{r} AA \\ \times BB \\ \hline 16A \\ + 16A \\ \hline 181A \end{array}$$

$\Rightarrow A + B = ?$

- A) 5 B) 6 C) 8 D) 9 E) 12

13.
$$\begin{array}{r} 6A \\ \times BC \\ \hline B5B \\ + 1B6 \\ \hline 151B \end{array}$$

$\Rightarrow A + B + C = ?$

- A) 8 B) 9 C) 11 D) 13 E) 14

10.
$$\begin{array}{r} KM \\ \times MK \\ \hline 16L \\ + LK \\ \hline 100L \end{array}$$

$\Rightarrow K + M + L = ?$

- A) 9 B) 12 C) 14 D) 16 E) 19

14.
$$\begin{array}{r} AB \\ \times BA \\ \hline 18A \\ + 27B \\ \hline 29AA \end{array}$$

$\Rightarrow A + B = ?$

- A) 6 B) 7 C) 10 D) 12 E) 13

11.
$$\begin{array}{r} A4 \\ \times CD \\ \hline DC \\ + AAD \\ \hline AA4C \end{array}$$

$\Rightarrow A + C + D = ?$

- A) 9 B) 11 C) 13 D) 14 E) 15

15.
$$\begin{array}{r} AB \\ \times C3 \\ \hline CAD \\ + AB \\ \hline 67D \end{array}$$

$\Rightarrow A + B + C + D = ?$

- A) 10 B) 12 C) 13 D) 14 E) 16

12.
$$\begin{array}{r} K3 \\ \times 3M \\ \hline L2 \\ + NL \\ \hline 782 \end{array}$$

$\Rightarrow K + N = ?$

- A) 6 B) 7 C) 8 D) 10 E) 12

16.
$$\begin{array}{r} AB \\ \times C6 \\ \hline 46B \\ + 702 \\ \hline 74BB \end{array}$$

$\Rightarrow A + B + C = ?$

- A) 14 B) 17 C) 18 D) 21 E) 24

TAKTİK GROUP

1.
$$\begin{array}{r} ABC \\ \times AB \\ \hline 70A \\ + C68 \\ \hline 538A \end{array}$$

$\Rightarrow A+B+C=?$

- A) 8 B) 9 C) 12 D) 16 E) 19

5.
$$\begin{array}{r} ABA \\ \times AB \\ \hline DCB \\ + ABA \\ \hline A97B \end{array}$$

$\Rightarrow 2D-B=?$

- A) 3 B) 4 C) 5 D) 6 E) 7

2.
$$\begin{array}{r} ABC \\ \times CA \\ \hline \dots \\ + 1296 \\ \hline 133D2 \end{array}$$

$\Rightarrow A+B+C+D=?$

- A) 12 B) 13 C) 15 D) 17 E) 18

6.
$$\begin{array}{r} KLM \\ \times 4N \\ \hline \dots \\ + 2268 \\ \hline 27783 \end{array}$$

$\Rightarrow N=?$

- A) 3 B) 4 C) 6 D) 8 E) 9

3.
$$\begin{array}{r} ABC \\ \times D5 \\ \hline D1B0 \\ + 187B \\ \hline B18C0 \end{array}$$

$\Rightarrow A+B+C+D=?$

- A) 13 B) 15 C) 17 D) 21 E) 29

7.
$$\begin{array}{r} ABA \\ \times AC \\ \hline \dots \\ + 6704 \\ \hline 70392 \end{array}$$

$\Rightarrow C=?$

- A) 2 B) 4 C) 6 D) 8 E) 9

4.
$$\begin{array}{r} A3B \\ \times AB \\ \hline 1CC4 \\ + CC5C \\ \hline CABB4 \end{array}$$

$\Rightarrow A+B+C=?$

- A) 13 B) 14 C) 16 D) 18 E) 23

8.
$$\begin{array}{r} ABC \\ \times 7D \\ \hline \dots \\ + 3276 \\ \hline 34164 \end{array}$$

$\Rightarrow D=?$

- A) 3 B) 4 C) 6 D) 8 E) 9

9.
$$\begin{array}{r} \text{AAB} \\ \times \text{BC} \\ \hline \text{DD3} \\ + \text{AAB} \\ \hline \text{AE73} \end{array} \Rightarrow E = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

13.
$$\begin{array}{r} \text{A8C} \\ \times \text{AD} \\ \hline \text{EEDD} \\ + 57\text{A} \\ \hline \text{CBCD} \end{array} \Rightarrow A + C + D + E = ?$$

- A) 9 B) 12 C) 13 D) 16 E) 23

10.
$$\begin{array}{r} \text{ABC} \\ \times \text{57} \\ \hline \text{B982} \\ + \text{BFED} \\ \hline \text{2AB82} \end{array} \Rightarrow A + B + C + D + E + F = ?$$

- A) 13 B) 15 C) 16 D) 19 E) 24

14.
$$\begin{array}{r} \text{KKK} \\ \times \text{LM} \\ \hline \dots \\ + 888 \\ \hline \text{10L1L} \end{array} \Rightarrow K + L + M = ?$$

- A) 7 B) 8 C) 9 D) 13 E) 17

11.
$$\begin{array}{r} \text{ABA} \\ \times \text{BA} \\ \hline \text{CAC} \\ + \text{ABA} \\ \hline \text{A5CC} \end{array} \Rightarrow A + B + C = ?$$

- A) 9 B) 5 C) 13 D) 14 E) 7

15.
$$\begin{array}{r} \text{ABC} \\ \times \text{CBA} \\ \hline \text{EDA} \\ \text{DFB} \\ + \text{ABC} \\ \hline \text{A948A} \end{array} \Rightarrow E + F = ?$$

- A) 10 B) 11 C) 12 D) 13 E) 14

12.
$$\begin{array}{r} \text{ABB} \\ \times \text{AB} \\ \hline \text{159B} \\ + \text{53A} \\ \hline \text{B91B} \end{array} \Rightarrow A + B = ?$$

- A) 8 B) 10 C) 11 D) 13 E) 16

16.
$$\begin{array}{r} \text{AAB} \\ \times \text{B6} \\ \hline \text{EDC8} \\ + \text{1B29} \\ \hline \text{1CFA8} \end{array} \Rightarrow F = ?$$

- A) 3 B) 6 C) 7 D) 8 E) 9

1.
$$\begin{array}{r|l} A6A & BB \\ - AA & AF \\ \hline 0FA & \\ - FF & \\ \hline 0F & \end{array} \Rightarrow F = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

2.
$$\begin{array}{r|l} 6AA & A \\ - 6 & BCC \\ \hline 0A & \\ - A & \\ \hline 0A & \\ - A & \\ \hline 0 & \end{array} \Rightarrow A+B+C = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

3.
$$\begin{array}{r|l} 5AA & A \\ - 5B & 9B \\ \hline CA & \\ - CB & \\ \hline 0C & \end{array} \Rightarrow C = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

4.
$$\begin{array}{r|l} A6A & 28 \\ - & 16 \\ \hline B6 & \end{array} \Rightarrow A+B = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

5.
$$\begin{array}{r|l} 6AB & AB \\ - & 10 \\ \hline 33 & \end{array} \Rightarrow A+B = ?$$

- A) 6 B) 7 C) 9 D) 12 E) 16

6.
$$\begin{array}{r|l} 345 & AB \\ - & 26 \\ \hline C & \end{array} \Rightarrow A+B+C = ?$$

- A) 11 B) 14 C) 15 D) 19 E) 20

7.
$$\begin{array}{r|l} AB9 & AB \\ - & CE \\ \hline D & \end{array} \Rightarrow D+C+E = ?$$

- A) 6 B) 7 C) 8 D) 9 E) 10

8.
$$\begin{array}{r|l} 98 & 1A \\ - & B \\ \hline 7 & \end{array} \Rightarrow A+B = ?$$

- A) 8 B) 9 C) 10 D) 15 E) 16

TAKTİK GROUP

9.
$$\begin{array}{r|l} 1KL & L5 \\ \hline & 4 \\ \hline \end{array} \Rightarrow K + L = ?$$

A) 6 B) 7 C) 8 D) 9 E) 10

13.
$$\begin{array}{r|l} A7A & B \\ \hline AB & BC \\ \hline \end{array} \Rightarrow A + B + C + D = ?$$

$$\begin{array}{r} 1A \\ 1C \\ \hline D \end{array}$$

A) 12 B) 13 C) 16 D) 17 E) 23

10.
$$\begin{array}{r|l} 5AB & A5 \\ \hline & 6 \\ \hline \end{array} \Rightarrow A + B = ?$$

A) 10 B) 13 C) 14 D) 15 E) 17

14.
$$\begin{array}{r|l} ABABA & AB \\ \hline & x \\ \hline \end{array} \Rightarrow x + A = ?$$

A) 116 B) 1016 C) 1061
D) 1010 E) 1066

11.
$$\begin{array}{r|l} ABB & 4B \\ \hline 4B & C4 \\ \hline \end{array} \Rightarrow A + B + C = ?$$

$$\begin{array}{r} 20B \\ C88 \\ \hline C9 \end{array}$$

A) 9 B) 13 C) 14 D) 15 E) 16

15.
$$\begin{array}{r|l} 3A8 & B6 \\ \hline & 9 \\ \hline \end{array} \Rightarrow A + B = ?$$

A) 4 B) 5 C) 7 D) 9 E) 11

12.
$$\begin{array}{r|l} 1A2 & B3 \\ \hline & 8 \\ \hline \end{array} \Rightarrow C = ?$$

A) 4 B) 6 C) 7 D) 8 E) 9

16.
$$\begin{array}{r|l} AB4 & AC \\ \hline AC & AC \\ \hline \end{array} \Rightarrow A + B + C + E = ?$$

$$\begin{array}{r} 44 \\ CE \\ \hline 5 \end{array}$$

A) 14 B) 16 C) 18 D) 20 E) 22

TAKTİK GROUP

1.
$$\begin{array}{r|l} 2222022 & 22 \\ \hline & M \\ \hline & 0 \end{array} \Rightarrow M = ?$$

A) 2101 B) 1101 C) 10101
D) 201011 E) 101001

5.
$$\begin{array}{r|l} KLMM & \dots \\ \hline 152 & \dots \\ \hline & \dots \\ \hline & 76 \\ \hline & 4 \end{array} \Rightarrow K + L + M = ?$$

A) 5 B) 7 C) 9 D) 11 E) 13

2.
$$\begin{array}{r|l} AAC5 & B61 \\ \hline 7AC & CC \\ \hline 1EE5 & \\ \hline 7AC & \\ \hline BBB & \end{array} \Rightarrow A + B + C + E = ?$$

A) 13 B) 15 C) 18 D) 21 E) 24

6.
$$\begin{array}{r|l} ABBBC & 13 \\ \hline AB & A0ED \\ \hline 00BB & \\ \hline B5 & \\ \hline FC & \\ \hline FC & \\ \hline 00 & \end{array} \Rightarrow A + B + C + D + E = ?$$

A) 16 B) 17 C) 19 D) 24 E) 26

3.
$$\begin{array}{r|l} 7BCB & BC \\ \hline BC & 1CA \\ \hline A8C & \\ \hline A7C & \\ \hline 10B & \\ \hline 9A & \\ \hline 1A & \end{array} \Rightarrow A + B + C = ?$$

A) 12 B) 14 C) 15 D) 18 E) 20

7.
$$\begin{array}{r|l} ABCB & BB \\ \hline CC & CCD \\ \hline AC & \\ \hline CC & \\ \hline B0B & \\ \hline DD & \\ \hline 2 & \end{array} \Rightarrow A + C = ?$$

A) 9 B) 11 C) 13 D) 16 E) 17

4.
$$\begin{array}{r|l} A0AA & A0 \\ \hline & x \\ \hline & y \end{array} \Rightarrow x + y - A = ?$$

A) 100 B) 101 C) 11 D) 1011 E) 102

8.
$$\begin{array}{r|l} K7K & L \\ \hline K & MMN \\ \hline 07 & \\ \hline K & \\ \hline 1K & \\ \hline 1N & \\ \hline 1 & \end{array} \Rightarrow M + L = ?$$

A) 4 B) 5 C) 8 D) 10 E) 13

9.
$$\begin{array}{r|l} \text{ABB} & \text{BB} \\ \text{CC} & \text{B3} \\ \hline & 8\text{B} \\ \text{DD} & \\ \hline & 1\text{D} \end{array} \Rightarrow A + B + C + D = ?$$

A) 14 B) 17 C) 19 D) 20 E) 26

13.
$$\begin{array}{r|l} a^2 + 2a & b+2 \\ \hline & a+1 \\ b-2 & \end{array} \Rightarrow b = ?$$

A) $\frac{a^2}{a+1}$ B) a^2 C) $\frac{a+2}{a^2}$
D) $\frac{a+1}{a+2}$ E) $\frac{a^2}{a+2}$

10.
$$\begin{array}{r|l} \text{XYXYXY} & \text{XY} \\ \hline & ? \\ 0 & \end{array}$$

A) 111 B) 10101 C) 1101
D) 1011 E) 101

14.
$$\begin{array}{r|l} 4a-8 & b-3 \\ \hline & 4 \\ 4 & \end{array} \Rightarrow a = ?$$

A) $b+1$ B) $\frac{b+2}{2}$ C) b
D) $\frac{b+1}{3}$ E) $2b-1$

11.
$$\begin{array}{r|l} \text{KLM} & 1\text{K} \\ \text{NM} & 39 \\ \hline & 1\text{NM} \\ \text{NN} & \\ \hline & \text{N} \end{array} \Rightarrow L = ?$$

A) 2 B) 4 C) 6 D) 7 E) 8

15.
$$\begin{array}{r|l} a^3 + a^2 & b+1 \\ \hline & a^2 + a \\ 0 & \end{array} \Rightarrow a = ?$$

A) $b-1$ B) $b+2$ C) $b+1$
D) $2b+1$ E) $b-3$

12.
$$\begin{array}{r|l} \text{KLMKLM4} & \text{KLM} \\ \hline & \text{A} \\ \text{B} & \end{array} \Rightarrow A + B = ?$$

A) 11014 B) 1004 C) 10114
D) 10014 E) 114

16.
$$\begin{array}{r|l} \text{A} & \text{B} \\ \hline & \text{C} \\ 8 & \end{array} \begin{array}{l} A, B, C \in \mathbb{N} \\ \Rightarrow \text{Min}(A) = ? \end{array}$$

A) 14 B) 17 C) 18 D) 20 E) 23

TAKTİK GROUP

1.
$$\begin{array}{r} A \\ + B \\ \hline 25 \end{array} \quad \begin{array}{r} B \\ + C \\ \hline 30 \end{array} \quad \begin{array}{r} A \\ + C \\ \hline 37 \end{array} \Rightarrow A - B + C = ?$$

A) 16 B) 20 C) 22 D) 24 E) 28

5.
$$\begin{array}{r} X \\ + K \\ \hline M \end{array} \quad \begin{array}{r} L \\ + X \\ \hline N \end{array} \quad \begin{array}{r} X \\ + N \\ \hline K \end{array}$$

$X = 4$
 $\Rightarrow K, L, M, N = ?$

A) 10, 6, 12, 14 B) 11, 7, 3, 15 C) 14, 10, 8, 16
 D) 5, 1, 3, 9 E) 12, 4, 16, 8

2.
$$\begin{array}{r} A \\ + B \\ \hline 7 \end{array} \quad \begin{array}{r} D \\ + C \\ \hline 13 \end{array}$$

$\Rightarrow \text{Max}(D - C + A - B) = ?$

A) 48 B) 50 C) 54 D) 63 E) 64

6.
$$\begin{array}{r} AB \\ + CD \\ \hline 1EF \end{array} \quad \begin{array}{r} F \\ + 1 \\ \hline B \end{array} \quad \begin{array}{r} E \\ + 2 \\ \hline A \end{array} \Rightarrow C + D = ?$$

A) 11 B) 13 C) 14 D) 15 E) 16

3.
$$\begin{array}{r} KL \\ KK \\ LK \\ + LL \\ \hline 264 \end{array} \quad \begin{array}{r} KL \\ + LK \\ \hline ? \end{array}$$

A) 142 B) 144 C) 132 D) 123 E) 124

7.
$$\begin{array}{r} ABCD \\ BCD \\ CD \\ + D \\ \hline 4276 \end{array} \quad \begin{array}{r} D \\ + C \\ \hline B \end{array} \Rightarrow B = ?$$

A) 9 B) 4 C) 6 D) 8 E) 5

4.
$$\begin{array}{r} XX \\ + YY \\ \hline ZZ \end{array} \quad \begin{array}{r} ZZ \\ XX \\ + YY \\ \hline 132 \end{array} \Rightarrow Z = ?$$

A) 4 B) 5 C) 6 D) 7 E) 8

8.
$$\begin{array}{r} ABC \\ DCE \\ + FEB \\ \hline 1321 \end{array} \quad \begin{array}{r} AB \\ + DC \\ \hline 79 \end{array} \Rightarrow F + E = ?$$

A) 5 B) 6 C) 7 D) 9 E) 13

9.
$$\begin{array}{r} \text{CKM} \\ \text{NFS} \\ + \text{ABD} \\ \hline 2024 \end{array} \quad \begin{array}{r} \text{KM} \\ \text{FS} \\ + \\ \hline 78 \end{array} \Rightarrow B + D = ?$$

A) 8 B) 9 C) 10 D) 14 E) 16

13.
$$\begin{array}{r} \text{AB} \\ + \text{CB} \\ \hline \text{BA} \end{array} \quad \begin{array}{r} \text{C} \\ + \text{C} \\ \hline \text{A} \end{array} \Rightarrow B = ?$$

A) 4 B) 6 C) 7 D) 8 E) 9

10.
$$\begin{array}{r} \text{ABC} \\ + \text{ACB} \\ \hline 721 \end{array} \quad \begin{array}{r} \text{BA} \\ \text{AC} \\ + \text{CB} \\ \hline ? \end{array}$$

A) 124 B) 89 C) 154 D) 165 E) 176

14.
$$\begin{array}{r} 3\text{K} \\ + \text{L} \\ \hline 3\text{L} \end{array} \quad \begin{array}{r} 3\text{MN} \\ + \text{LLL} \\ \hline \text{NLK} \end{array} \Rightarrow K + L + M + N = ?$$

A) 14 B) 15 C) 17 D) 19 E) 23

11.
$$\begin{array}{r} \text{A} \\ + \text{B} \\ \hline 16 \end{array} \quad \begin{array}{r} \text{B} \\ + \text{C} \\ \hline 17 \end{array} \quad \begin{array}{r} \text{C} \\ + \text{D} \\ \hline 13 \end{array} \Rightarrow D = ?$$

A) 3 B) 4 C) 6 D) 7 E) 5

15.
$$\begin{array}{r} \text{N} \\ + \text{L} \\ \hline \text{M} \end{array} \quad \begin{array}{r} \text{L} \\ + \text{M} \\ \hline \text{N}5 \end{array} \quad \begin{array}{r} \text{M} \\ + \text{N} \\ \hline 9 \end{array} \Rightarrow L + M + N = ?$$

A) 10 B) 11 C) 12 D) 13 E) 16

12.
$$\begin{array}{r} \text{AB} \\ + \text{AB} \\ \hline \text{B}4 \end{array} \quad \begin{array}{r} \text{A} \\ + \text{B} \\ \hline 10 \end{array} \Rightarrow A = ?$$

A) 2 B) 3 C) 4 D) 5 E) 6

16.
$$\begin{array}{r} \text{AA} \\ + \text{BB} \\ \hline \text{CC} \end{array} \quad \begin{array}{r} \text{BB} \\ + \text{CC} \\ \hline \text{DD} \end{array} \quad \begin{array}{r} \text{DD} \\ + \text{EE} \\ \hline 132 \end{array} \Rightarrow \text{Min}(A + B + C + D + E) = ?$$

A) 16 B) 17 C) 18 D) 20 E) 21

TAKTIK GROUP

1.
$$\begin{array}{r} K \\ - L \\ \hline 1 \end{array} \quad \begin{array}{r} L \\ - M \\ \hline 3 \end{array} \Rightarrow \text{Min}(K + L + M) = ?$$

- A) 7 B) 8 C) 10 D) 12 E) 14

5.
$$\begin{array}{r} A \\ - B \\ \hline C \end{array} \quad \begin{array}{r} AB \\ - BA \\ \hline BC \end{array} \Rightarrow C = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

2.
$$\begin{array}{r} K \\ - 1 \\ \hline L \end{array} \quad \begin{array}{r} L \\ - 2 \\ \hline M \end{array} \quad \begin{array}{r} M \\ - 4 \\ \hline N \end{array} \Rightarrow K - N = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8

6.
$$\begin{array}{r} A \\ - B \\ \hline B \end{array} \quad \begin{array}{r} B \\ - C \\ \hline C \end{array} \quad \begin{array}{r} A \\ - C \\ \hline D \end{array} \Rightarrow \text{Min}(D - C) = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

3.
$$\begin{array}{r} K \\ - L \\ \hline 2 \end{array} \quad \begin{array}{r} L \\ - M \\ \hline 2 \end{array} \Rightarrow (KLM - MLK) = ?$$

- A) 297 B) 396 C) 394 D) 369 E) 269

7.
$$\begin{array}{r} KLM \\ - LMK \\ \hline 216 \end{array} \quad \begin{array}{r} KK \\ - LM \\ \hline ? \end{array} \quad \begin{array}{l} L > M \\ K > M \end{array}$$

- A) 14 B) 16 C) 24 D) 32 E) 33

4.
$$\begin{array}{r} KL \\ - LK \\ \hline 72 \end{array} \quad \begin{array}{r} K \\ - L \\ \hline N \end{array} \Rightarrow N = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8

8.
$$\begin{array}{r} AA \\ - BB \\ \hline CC \end{array} \quad \begin{array}{r} AA \\ + CC \\ \hline 176 \end{array} \Rightarrow B + C = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

9.
$$\begin{array}{r} ABC \\ + DEF \\ \hline 1163 \end{array} \quad \begin{array}{r} ABC \\ - DEF \\ \hline 293 \end{array} \Rightarrow A+B+C=?$$

- A) 14 B) 15 C) 17 D) 19 E) 20

10.
$$\begin{array}{r} AB \\ - CD \\ \hline 17 \end{array} \quad \begin{array}{r} CD \\ + EF \\ \hline 24 \end{array} \quad \begin{array}{r} EF \\ + AB \\ \hline ? \end{array}$$

- A) 23 B) 27 C) 31 D) 33 E) 41

11.
$$\begin{array}{r} AB \\ AA \\ BA \\ + BB \\ \hline 198 \end{array} \quad \begin{array}{r} AB \\ - BA \\ \hline 45 \end{array} \Rightarrow AB=?$$

- A) 63 B) 72 C) 81 D) 54 E) 67

12.
$$\begin{array}{r} ABC \\ + XYZ \\ \hline 945 \end{array} \quad \begin{array}{r} ABC \\ - XYZ \\ \hline 177 \end{array} \Rightarrow ABC=?$$

- A) 561 B) 482 C) 574 D) 493 E) 576

13.
$$\begin{array}{r} X \\ - Y \\ \hline 35 \end{array} \quad \begin{array}{r} X \\ + Z \\ \hline 60 \end{array} \quad \begin{array}{r} Y \\ - Z \\ \hline 15 \end{array} \Rightarrow Y=?$$

- A) 15 B) 20 C) 25 D) 30 E) 34

14.
$$\begin{array}{r} ABC \\ - KAM \\ \hline 192 \end{array} \quad \begin{array}{r} ABC \\ + KAM \\ \hline 686 \end{array} \Rightarrow K+A+M=?$$

- A) 12 B) 13 C) 14 D) 15 E) 16

15.
$$\begin{array}{r} ABC \\ BCA \\ + CAB \\ \hline 1443 \end{array} \quad \begin{array}{r} A \\ - C \\ \hline 7 \end{array} \quad \begin{array}{r} B \\ - C \\ \hline 3 \end{array} \Rightarrow B=?$$

- A) 8 B) 4 C) 1 D) 3 E) 5

16.
$$\begin{array}{r} ABC \\ + KLM \\ \hline 1442 \end{array} \quad \begin{array}{r} ABC \\ + EFD \\ \hline 1623 \end{array} \quad \begin{array}{r} ABC \\ - KLM \\ \hline 508 \end{array}$$

$\Rightarrow E+F+D=?$

- A) 17 B) 19 C) 22 D) 24 E) 18

1.
$$\begin{array}{r} K \\ \times M \\ \hline 63 \end{array} \quad \begin{array}{r} K \\ \times L \\ \hline 54 \end{array} \quad \Rightarrow K + L + M = ?$$

- A) 18 B) 20 C) 22 D) 24 E) 25

4.
$$\begin{array}{r} AB \\ \times B \\ \hline 144 \end{array} \quad \begin{array}{r} CD \\ \times D \\ \hline 144 \end{array} \quad \Rightarrow A + B + C + D = ?$$

- A) 13 B) 14 C) 15 D) 16 E) 18

2.
$$\begin{array}{r} AA \\ \times A \\ \hline BCA \end{array} \quad \begin{array}{r} AD \\ \times A \\ \hline BED \end{array} \quad B > D$$

- A) 22 B) 21 C) 20 D) 19 E) 18

$\Rightarrow B + C + E + D = ?$

5.
$$\begin{array}{r} 2K \\ \times L \\ \hline \dots \end{array} \quad \begin{array}{r} 2K \\ \times M \\ \hline 1\dots \end{array} \quad K \neq M \neq L$$

- A) 13 B) 14 C) 15 D) 16 E) 18

$\Rightarrow \text{Max}(K + L + M) = ?$

3.
$$\begin{array}{r} AB \\ \times BA \\ \hline \dots \\ + \dots \\ \hline A72B \end{array} \quad \begin{array}{r} A \\ \times B \\ \hline B \end{array} \quad \Rightarrow A + B = ?$$

- A) 9 B) 10 C) 11 D) 12 E) 13

6.
$$\begin{array}{r} A \\ \times B \\ \hline C \end{array} \quad \begin{array}{r} D \\ \times E \\ \hline 1E \end{array} \quad \Rightarrow A + B + C + D + E = ?$$

- A) 18 B) 22 C) 26 D) 27 E) 29

7.
$$\begin{array}{r} KK \\ \times K \\ \hline 176 \end{array} \quad \begin{array}{r} MN2 \\ - KLL \\ \hline KKK \end{array} \Rightarrow K+L+M+N=?$$

A) 21 B) 22 C) 24 D) 28 E) 30

11.
$$\begin{array}{r} A \\ \times B \\ \hline C \end{array} \quad \begin{array}{r} B \\ \times D \\ \hline E \end{array} \quad \begin{array}{r} A \\ + A \\ \hline 6 \end{array} \quad \begin{array}{r} A \\ + D \\ \hline ? \end{array}$$

A) 9 B) 11 C) 12 D) 10 E) 84

80.
$$\begin{array}{r} AB \\ \times A \\ \hline BAA \end{array} \quad \begin{array}{r} ABA \\ + A \\ \hline A7B \end{array} \Rightarrow A+B=?$$

A) 9 B) 12 C) 14 D) 16 E) 18

12.
$$\begin{array}{r} KL \\ \times LK \\ \hline MMM \\ + ABC \\ \hline ALNM \end{array} \quad \begin{array}{r} LK \\ - KL \\ \hline K6 \end{array}$$

$\Rightarrow A+B+C=?$

A) 12 B) 14 C) 15 D) 16 E) 19

9.
$$\begin{array}{r} KL \\ \times M \\ \hline 312 \end{array} \quad \begin{array}{r} KL \\ \times N \\ \hline 273 \end{array} \quad \begin{array}{r} KL \\ \times MN \\ \hline ? \end{array}$$

A) 3042 B) 3128 C) 3393 D) 3654 E) 3892

13.
$$\begin{array}{r} AB \\ \times C \\ \hline DC \end{array} \quad \begin{array}{r} D \\ - B \\ \hline B \end{array} \quad \begin{array}{r} AB \\ + CD \\ \hline D9 \end{array}$$

$\Rightarrow A+B+C+D=?$

A) 13 B) 15 C) 17 D) 20 E) 19

10.
$$\begin{array}{r} AA \\ \times B \\ \hline 1CB \end{array} \quad \begin{array}{r} BB \\ \times C \\ \hline AA \end{array} \quad \begin{array}{r} ABC \\ + CBA \\ \hline ? \end{array}$$

A) 868 B) 949 C) 849 D) 494 E) 686

14.
$$\begin{array}{r} KLK \\ + LKL \\ \hline 1MMN \end{array} \quad \begin{array}{r} KL \\ - LK \\ \hline 1K \end{array}$$

$\Rightarrow K+L+M+N=?$

A) 18 B) 20 C) 23 D) 25 E) 26

TAKTİK GROUP

1.
$$\frac{K}{3} \left| \begin{array}{l} 5 \\ x \end{array} \right. \quad \frac{M}{6} \left| \begin{array}{l} x \\ 6 \end{array} \right.$$

$M + K = 97 \Rightarrow M - K = ?$

- A) 11 B) 13 C) 17 D) 21 E) 23

4.
$$\frac{A}{B} \left| \begin{array}{l} AB \\ BA \end{array} \right. \quad \frac{C}{BC} \Rightarrow C = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

2.
$$\frac{x+3}{1} \left| \begin{array}{l} y+2 \\ n+1 \end{array} \right. \quad \frac{x-2n}{n+1} \left| \begin{array}{l} z-1 \\ n+1 \end{array} \right.$$

$\Rightarrow y = ?$

- A) $x-3$ B) $2z$ C) z D) x E) $x-z$

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5.
$$\frac{A}{1} \left| \begin{array}{l} 2 \\ B \end{array} \right. \quad \frac{B}{2} \left| \begin{array}{l} 3 \\ C \end{array} \right. \quad \frac{A}{2} \left| \begin{array}{l} C \\ 7 \end{array} \right.$$

$\Rightarrow A + B + C = ?$

- A) 16 B) 17 C) 27 D) 31 E) 37

3.
$$\frac{AB}{3} \left| \begin{array}{l} 14 \\ \end{array} \right. \quad \frac{CD}{8} \left| \begin{array}{l} 14 \\ \end{array} \right. \quad \frac{ABCD}{M} \left| \begin{array}{l} 14 \\ \end{array} \right.$$

$\Rightarrow M = ?$

- A) 0 B) 2 C) 3 D) 6 E) 11

6.
$$\frac{K}{2} \left| \begin{array}{l} 2M-1 \\ L \end{array} \right. \quad \frac{K}{0} \left| \begin{array}{l} L+6 \\ 7 \end{array} \right.$$

$\Rightarrow \min(M) = ?$

- A) 4 B) 5 C) 6 D) 11 E) 17

TAKTİK GROUP

7.
$$\frac{A}{5} = \frac{B}{6} = \frac{B}{10} = \frac{13}{C} = \frac{A}{D} = 39$$

⇒ D = ?

- A) 8 B) 9 C) 13 D) 17 E) 26

11.
$$\frac{A}{1} = \frac{3}{B} = \frac{B}{3} = \frac{4}{C} = \frac{A}{x} = \frac{C}{12}$$

⇒ x = ?

- A) 6 B) 9 C) 10 D) 11 E) 12

8.
$$\frac{A}{7} = \frac{B}{4} = \frac{C}{3} = \frac{B}{5} = \frac{C}{6} = \frac{A}{1}$$

⇒ A = ?

- A) 13 B) 24 C) 32 D) 47 E) 56

12.
$$\frac{A}{1} = \frac{x}{n+1} = \frac{B}{x-3} = \frac{x-1}{n}$$

A = B
⇒ n = ?

- A) -4 B) -2 C) 0 D) 2 E) 4

9.
$$\frac{A}{9} = \frac{B}{16} = \frac{B}{2} = \frac{C}{4} = \frac{A}{5} = \frac{C}{68}$$

⇒ C = ?

- A) 9 B) 11 C) 13 D) 17 E) 19

13.
$$\frac{A}{5} = \frac{B}{7} = \frac{B}{2} = \frac{C}{4}$$

⇒ A = ?

- A) 14C + 15 B) 28C + 17 C) 28C + 19
D) 28C + 13 E) 14C + 13

10.
$$\frac{A}{3} = \frac{5}{x+2} = \frac{A}{1} = \frac{4}{x+5}$$

⇒ A = ?

- A) 32 B) 48 C) 50 D) 53 E) 67

14.
$$\frac{A}{4} = \frac{B}{6} = \frac{B}{5} = \frac{7}{C} = \frac{A}{x} = 14$$

⇒ x = ?

- A) 4 B) 5 C) 6 D) 9 E) 13

TAKTIK GROUP

1.
$$\begin{array}{r} AB \\ \hline 2 \\ \hline 10 \end{array}$$
 $4A + B = 26$
 $\Rightarrow A \cdot B = ?$

A) 28 B) 14 C) 12 D) 19 E) 20

4.
$$\begin{array}{r} K \\ \hline M \\ \hline 0 \end{array}$$

$$\begin{array}{r} K \\ \hline M+2 \\ \hline L-2 \\ \hline 0 \end{array}$$

$\Rightarrow \text{Min}(K + L + M) = ?$

A) 10 B) 14 C) 16 D) 18 E) 20

5.
$$\begin{array}{r} ABCD \\ + ABCD \\ \hline KLMN \end{array}$$

$$\begin{array}{r} KLMN \\ \hline 273 \\ \hline 14 \\ \hline 3 \end{array}$$

$\Rightarrow A + B + C + D = ?$

A) 13 B) 14 C) 15 D) 17 E) 20

2.
$$\begin{array}{r} A \\ \hline B \\ \hline 3 \end{array}$$

$$\begin{array}{r} B \\ \hline C \\ \hline 2 \end{array}$$

$$\begin{array}{r} A+B \\ \hline C \\ \hline D \end{array}$$
 $A+B = 14$

$\Rightarrow D = ?$

A) 2 B) 3 C) 4 D) 9 E) 13

6.
$$\begin{array}{r} ABB \\ \hline CC \\ \hline 1CB \\ \hline 154 \\ \hline A \end{array}$$

$$\begin{array}{r} BB \\ \hline 37 \end{array}$$

$$\begin{array}{r} ABB \\ + AB \\ \hline ? \end{array}$$

A) 824 B) 802 C) 794 D) 904 E) 744

3.
$$\begin{array}{r} CB \\ \hline B \\ \hline 4 \end{array}$$

$$\begin{array}{r} CB \\ \hline 2B+2 \\ \hline 3 \end{array}$$

$\Rightarrow C = ?$

A) 4 B) 5 C) 6 D) 7 E) 8

7.
$$\begin{array}{r} AA \\ \times A \\ \hline 1BC \end{array}$$

$$\begin{array}{r} BC \\ \hline DE \\ \hline A \\ \hline 0 \end{array}$$
 $\Rightarrow E = ?$

A) 3 B) 6 C) 7 D) 2 E) 9

8.
$$\begin{array}{r} 136 \\ - \quad \quad \\ \hline 0 \end{array} \begin{array}{l} AB \\ C \end{array} \quad \begin{array}{r} 170 \\ - \quad \quad \\ \hline 0 \end{array} \begin{array}{l} AB \\ D \end{array} \quad \begin{array}{r} AB \\ + \quad CD \\ \hline ? \end{array}$$

A) 82 B) 87 C) 93 D) 106 E) 79

12.
$$\frac{AA}{B} = CC \quad \frac{CC}{B} = BB$$

$\Rightarrow A+B+C=?$

A) 12 B) 14 C) 15 D) 16 E) 18

9.
$$\begin{array}{l} 2L - K = 5M \\ 3L + 2K = 18M \end{array} \Rightarrow \frac{K}{L} = ?$$

A) $\frac{2}{3}$ B) $\frac{3}{2}$ C) $\frac{1}{3}$ D) $\frac{4}{3}$ E) $\frac{3}{4}$

13.
$$\frac{ABA}{BA} = 21 \Rightarrow A+B=?$$

A) 6 B) 7 C) 8 D) 9 E) 10

10. $A, B \in \mathbb{Z}^+ \quad \frac{A}{B} - 3 = \frac{1}{4}$

$\Rightarrow \min(A-B) = ?$

A) 6 B) 7 C) 9 D) 10 E) 11

14. $K+K+K=EF$
 $KM=15 \cdot M \Rightarrow E+F=?$

A) 3 B) 4 C) 5 D) 6 E) 7

11. $2A+3B=4C$

$Y=3C + \frac{A+B}{2}$

$\Rightarrow \frac{3A+4B}{Y-C} = ?$

A) $\frac{1}{2}$ B) $\frac{C}{2}$ C) 2C D) 2 E) $\frac{2C}{3}$

15.
$$\frac{AB}{B} = CB \quad \frac{A}{B} = \frac{3}{2}$$

$\Rightarrow A \times B = ?$

A) 36 B) 48 C) 54 D) 64 E) 72

TAKTIK GROUP

1.
$$\begin{array}{r} \text{KK} \\ \times \text{LL} \\ \hline \dots \\ + \dots \\ \hline 1815 \end{array} \Rightarrow K+L=?$$

A) 6 B) 8 C) 10 D) 12 E) 14

4.
$$\begin{array}{r} 9B9A \\ - D6B9 \\ \hline AAA2 \end{array} \Rightarrow B=?$$

A) 1 B) 3 C) 4 D) 7 E) 8

2.
$$\begin{array}{r|l} K & 5 \\ \hline & L \\ \hline 4 & \end{array} \quad \begin{array}{r|l} L & 7 \\ \hline & M \\ \hline 3 & \end{array} \quad \begin{array}{r|l} K & 35 \\ \hline & N \\ \hline & \end{array}$$

 $\Rightarrow N=?$
A) 8 B) 11 C) 14 D) 17 E) 19

5.
$$\begin{array}{r} BA9 \\ \times BA \\ \hline A \cdot 8 \\ + BA9 \\ \hline B5C8 \end{array} \Rightarrow B+C=?$$

A) 3 B) 4 C) 5 D) 6 E) 7

6.
$$\begin{array}{r} ABC1 \quad EE \\ - AA \quad EEE \\ \hline 0AC \\ - AA \\ \hline OD1 \\ - AA \\ \hline 07 \end{array} \Rightarrow A+B+C=?$$

A) 18 B) 20 C) 21 D) 22 E) 24

3.
$$\begin{array}{r} 5AA \\ + 7A7 \\ \hline 1BBB \end{array} \Rightarrow B=?$$

A) 2 B) 3 C) 4 D) 6 E) 8

7.
$$\begin{array}{r} AAB \\ + B \\ \hline ABA \end{array} \Rightarrow A+B=?$$

A) 9 B) 11 C) 13 D) 15 E) 17

8.
$$\begin{array}{r} ABC \\ BCA \\ CAB \\ ABC \\ + \\ \hline 1875 \end{array}$$

$A + B + C = 12$
 $\Rightarrow A.B.C = ?$

- A) 24 B) 60 C) 96 D) 120 E) 210

12.
$$\begin{array}{r} AA \mid B-1 \\ - \quad \mid B \\ \hline 5 \end{array} \quad \begin{array}{r} AA \mid B-2 \\ - \quad \mid B+2 \\ \hline 0 \end{array} \quad \Rightarrow A = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

9.
$$\begin{array}{r} A \quad B \quad C \\ 2 \quad 3 \quad 1 \\ - \quad - \quad - \\ \hline B \quad C \quad D \end{array}$$

$\Rightarrow A - D = ?$

- A) 1 B) 3 C) 5 D) 6 E) 8

13.
$$\begin{array}{r} 5A4BC \\ - 4A5CB \\ \hline 9927 \end{array}$$

$\Rightarrow B - C = ?$

- A) 1 B) 2 C) 3 D) 4 E) 5

10.
$$\begin{array}{r} 431 \mid AB \\ - \quad \mid 25 \\ \hline C \end{array}$$

$\Rightarrow A + B + C = ?$

- A) 9 B) 11 C) 14 D) 16 E) 18

14.
$$\begin{array}{r} AB \\ BA \\ + AB \\ \hline 144 \end{array}$$

$\Rightarrow A + B = ?$

- A) 6 B) 7 C) 8 D) 9 E) 10

11.
$$\begin{array}{r} 7AB \mid AB \\ - \quad \mid 10 \\ \hline 16 \end{array}$$

$\Rightarrow A + B = ?$

- A) 5 B) 7 C) 9 D) 11 E) 13

15.
$$\begin{array}{r} AB \\ + CD \\ \hline 20 \end{array} \quad \begin{array}{r} CD \\ + EF \\ \hline 51 \end{array} \quad \begin{array}{r} EF \\ + AB \\ \hline 109 \end{array} \quad \Rightarrow E + F = ?$$

- A) 5 B) 7 C) 11 D) 12 E) 13

TAKTİK GROUP

PUZAYINLARI

1.
$$\begin{array}{r} \text{KLM} \\ \text{LM} \\ \times \\ \hline \cdot \cdot \cdot \\ \cdot 80 \\ + \\ \hline 6525 \end{array}$$

$\Rightarrow K + L + M = ?$

- A) 8 B) 10 C) 12 D) 14 E) 16

2.
$$\begin{array}{r} \text{KL64} \\ \text{12LM} \\ \hline \text{6MK9} \end{array}$$

$\Rightarrow K + L + M = ?$

- A) 14 B) 16 C) 18 D) 20 E) 22

3.
$$\begin{array}{r|l} \text{AB} & \text{CD} \\ \hline & 2 \\ \hline & 2 \end{array} \quad \begin{array}{r} \text{AB} \\ \hline \text{CD} \\ \hline 28 \end{array}$$

$\Rightarrow A + B + C + D = ?$

- A) 9 B) 11 C) 14 D) 17 E) 21

4.
$$\begin{array}{r} \text{K} \\ + \text{L} \\ \hline 13 \end{array} \quad \begin{array}{r} \text{L} \\ + \text{M} \\ \hline 12 \end{array} \quad \begin{array}{r} \text{K} \\ + \text{M} \\ \hline 15 \end{array} \quad \Rightarrow K = ?$$

- A) 4 B) 6 C) 7 D) 8 E) 9

5.
$$\begin{array}{r} \text{AB} \\ + \text{BA} \\ \hline \cdot \cdot 6 \end{array}$$

$\Rightarrow A \cdot B = ?$

- A) 63 B) 81 C) 68 D) 56 E) 72

6.
$$\begin{array}{r} \text{AB} \\ + \text{BA} \\ \hline \text{CC} \end{array} \quad \begin{array}{r} \text{C} \\ \times \text{C} \\ \hline \text{D} \end{array}$$

$\Rightarrow A + B + C + D = ?$

- A) 8 B) 10 C) 12 D) 15 E) 24

7.
$$\begin{array}{r} \text{AB} \\ \times \text{B} \\ \hline \text{CB} \end{array} \quad \begin{array}{r} \text{AD} \\ \times \text{D} \\ \hline \text{ED} \end{array}$$

$\Rightarrow E + C = ?$

- A) 9 B) 12 C) 14 D) 16 E) 17

8.
$$\begin{array}{r} \text{1A5} \\ \times \text{A5} \\ \hline \text{7B} \\ + \cdot \cdot 0 \\ \hline \text{65B5} \end{array}$$

$\Rightarrow A + B = ?$

- A) 6 B) 8 C) 9 D) 11 E) 14

9.
$$\begin{array}{r} A \quad | \quad 5 \\ \hline B \end{array} \quad \begin{array}{r} B \quad | \quad 6 \\ \hline C \end{array} \quad \begin{array}{r} A+B \quad | \quad 36 \\ \hline C \end{array}$$

$\Rightarrow D = ?$

A) 9 B) 14 C) 23 D) 29 E) 34

13.
$$\begin{array}{r} ABC \\ CBA \\ BAC \\ + \\ \hline 1A6A \end{array} \quad \Rightarrow A = ?$$

A) 3 B) 4 C) 5 D) 7 E) 8

10.
$$\begin{array}{r} ABB \\ A \\ + \\ \hline C00 \end{array} \quad \Rightarrow C = ?$$

A) 1 B) 2 C) 3 D) 4 E) 5

14.
$$\begin{array}{r} KL \\ KL \\ KL \\ KL \\ + \\ \hline MK \end{array} \quad \Rightarrow K + L + M = ?$$

A) 10 B) 12 C) 14 D) 16 E) 18

11.
$$\begin{array}{r} AB \\ C \\ \times \\ \hline AB \end{array} \quad \begin{array}{r} A \\ D \\ - \\ \hline C \end{array} \quad \begin{array}{r} AD \\ DA \\ - \\ \hline B \end{array} \quad \Rightarrow B = ?$$

A) 5 B) 6 C) 7 D) 8 E) 9

15.
$$\begin{array}{r} K \\ L \\ + \\ \hline 15 \end{array} \quad \begin{array}{r} L \\ M \\ + \\ \hline 13 \end{array} \quad \begin{array}{r} M \\ N \\ + \\ \hline 11 \end{array} \quad \begin{array}{r} K \\ M \\ + \\ \hline 12 \end{array} \quad \Rightarrow N = ?$$

A) 5 B) 6 C) 7 D) 8 E) 9

12.
$$\begin{array}{r} AB \\ B \\ \times \\ \hline 336 \end{array} \quad \begin{array}{r} CD \\ D \\ \times \\ \hline 336 \end{array} \quad \begin{array}{r} A \\ B \\ C \\ D \\ + \\ \hline ? \end{array}$$

A) 16 B) 20 C) 23 D) 27 E) 29

16.
$$\begin{array}{r} KLL \\ 25 \\ \times \\ \hline \dots \\ \dots \\ + \\ \hline 8600 \end{array} \quad \begin{array}{r} KL \\ LK \\ + \\ \hline ? \end{array}$$

A) 55 B) 66 C) 77 D) 88 E) 99

TAKTIK GROUP

1.
$$\begin{array}{r} KLM \\ KLM \\ KLM \\ KLM \\ KLM \\ + \\ \hline 1895 \end{array} \Rightarrow K + L + M = ?$$

- A) 14 B) 15 C) 17 D) 19 E) 20

5.
$$\begin{array}{r} \dots \\ \times 57 \\ \hline \dots \\ 2180 \\ + \\ \cdot K \dots \end{array} \Rightarrow K = ?$$

- A) 2 B) 4 C) 5 D) 7 E) 8

2.
$$\begin{array}{r} K \\ - L \\ \hline M \end{array} \times \begin{array}{r} K \\ K \\ \hline LM \end{array} \Rightarrow K + L + M = ?$$

- A) 16 B) 18 C) 20 D) 22 E) 24

6.
$$\begin{array}{r} KL8 \\ - \quad \quad \\ \hline Y \end{array} \mid \begin{array}{r} KL \\ X \\ \hline \end{array} \Rightarrow X + Y = ?$$

- A) 6 B) 8 C) 9 D) 14 E) 18

3.
$$\begin{array}{r} L8 \\ - KL \\ \hline KL \end{array} \quad + \quad \begin{array}{r} K \\ L \\ \hline 13 \end{array} \Rightarrow K = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

7.
$$\begin{array}{r} K \\ + M \\ \hline 16 \end{array} \quad + \quad \begin{array}{r} M \\ L \\ \hline 11 \end{array} \quad + \quad \begin{array}{r} L \\ K \\ \hline 13 \end{array} \Rightarrow M = ?$$

- A) 3 B) 4 C) 5 D) 7 E) 9

4.
$$\begin{array}{r} LMK \\ KLM \\ + MKL \\ \hline 1776 \end{array} \quad \begin{array}{r} M \\ - K \\ \hline 5 \end{array} \quad \begin{array}{r} L \\ - K \\ \hline 2 \end{array} \Rightarrow L = ?$$

- A) 2 B) 3 C) 5 D) 7 E) 8

8.
$$\begin{array}{r} KLMN \\ + LNM \\ \hline 107RP \end{array} \Rightarrow K + L = ?$$

- A) 11 B) 14 C) 16 D) 17 E) 18

9.
$$\begin{array}{r} KLML \\ + KMLM \\ \hline 7NNP \end{array} \Rightarrow K + (N - P) = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

13.
$$\begin{array}{r} MM \\ + LL \\ \hline NN0 \end{array} \quad \begin{array}{r} M \\ - L \\ \hline 4 \end{array} \Rightarrow L + N = ?$$

- A) 3 B) 4 C) 5 D) 7 E) 8

10.
$$\begin{array}{r} 224 \quad KL \\ - \quad \quad M \\ \hline 0 \end{array} \quad \begin{array}{r} 392 \quad KL \\ - \quad \quad N \\ \hline 0 \end{array} \quad \begin{array}{r} KL \\ \times MN \\ \hline ? \end{array}$$

- A) 2149 B) 2345 C) 2412 D) 2632 E) 4144

14.
$$\begin{array}{r} 67A \\ + B7 \\ \hline C6B \end{array} \Rightarrow A + B + C = ?$$

- A) 18 B) 19 C) 16 D) 15 E) 20

11.
$$\begin{array}{r} KLM \\ + KLM \\ + KLM \\ \hline MMM \end{array} \Rightarrow M = ?$$

- A) 3 B) 5 C) 6 D) 8 E) 9

15.
$$\begin{array}{r} ML \quad L \\ - \quad \quad KL \\ \hline 0 \end{array} \quad \begin{array}{r} PN \quad N \\ - \quad \quad KN \\ \hline 0 \end{array} \Rightarrow P + K + M = ?$$

- A) 13 B) 15 C) 16 D) 17 E) 19

12.
$$\begin{array}{r} K \\ - L \\ \hline 4 \end{array} \quad \begin{array}{r} L \\ + M \\ \hline 12 \end{array} \quad \begin{array}{r} M \\ - K \\ \hline 2 \end{array} \Rightarrow M = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

16.
$$\begin{array}{r} NMKL \\ + MKL \\ + KL \\ + L \\ \hline 6328 \end{array} \quad \begin{array}{r} K \\ + L \\ \hline M \end{array} \Rightarrow M = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8

TAKTİK GROUP

$$\begin{array}{r}
 \text{KLM} \\
 \text{NPR} \\
 + \\
 \hline
 1246
 \end{array}
 +
 \begin{array}{r}
 \text{KLM} \\
 \text{STZ} \\
 + \\
 \hline
 1624
 \end{array}
 -
 \begin{array}{r}
 \text{KLM} \\
 \text{NPR} \\
 - \\
 \hline
 222
 \end{array}$$

⇒ S + T + Z = ?

- A) 13 B) 15 C) 17 D) 19 E) 21

$$\begin{array}{r}
 \text{KKK} \\
 \text{KLL} \\
 \text{LKK} \\
 \text{KKL} \\
 + \\
 \hline
 1\text{LLL}
 \end{array}
 \Rightarrow K = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

$$\begin{array}{r}
 \text{KPM} \\
 \text{SMN} \\
 \text{TNP} \\
 + \\
 \hline
 831
 \end{array}$$

$$\begin{array}{r}
 \text{KP} \\
 \text{SM} \\
 + \\
 \hline
 45
 \end{array}$$

⇒ T + N = ?

- A) 7 B) 8 C) 9 D) 10 E) 11

$$\begin{array}{r}
 \text{AB} \\
 \times \text{K} \\
 \hline
 252
 \end{array}
 \quad
 \begin{array}{r}
 \text{AB} \\
 \times \text{L} \\
 \hline
 294
 \end{array}
 \quad
 \begin{array}{r}
 \text{AB} \\
 \times \text{M} \\
 \hline
 336
 \end{array}
 \quad
 \begin{array}{r}
 \text{KLM} \\
 \times \text{AB} \\
 \hline
 ?
 \end{array}$$

- A) 366792 B) 36414 C) 33812
D) 28376 E) 28476

$$\begin{array}{r}
 \text{KLM} \\
 \text{KLM} \\
 \text{KLM} \\
 \text{KLM} \\
 \text{KLM} \\
 + \\
 \hline
 48\text{LM}
 \end{array}$$

⇒ K + L + M = ?

- A) 20 B) 21 C) 22 D) 23 E) 24

$$\begin{array}{r}
 \text{KL} \\
 \times \text{P} \\
 \hline
 256
 \end{array}
 \quad
 \begin{array}{r}
 \text{KL} \\
 \times \text{M} \\
 \hline
 224
 \end{array}
 \quad
 \begin{array}{r}
 \text{KL} \\
 \times \text{PM} \\
 \hline
 ?
 \end{array}$$

- A) 2784 B) 2496 C) 2180
D) 1968 E) 480

$$\begin{array}{r}
 5\text{LMNP} \\
 \text{RSTZ} \\
 + \\
 \hline
 \text{L1110}
 \end{array}$$

⇒ R = ?

- A) 3 B) 4 C) 5 D) 6 E) 7

$$\begin{array}{r}
 \text{KLM} \\
 \text{NPR} \\
 + \text{STV} \\
 \hline
 1656
 \end{array}
 \quad
 \begin{array}{r}
 \text{LM} \\
 + \text{PR} \\
 \hline
 99
 \end{array}
 \Rightarrow T + V = ?$$

- A) 8 B) 9 C) 10 D) 11 E) 12

9.
$$\begin{array}{r} KLMN \\ LMNO \\ MN00 \\ N000 \\ + \\ \hline 25015 \end{array} \Rightarrow K = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 8

13.
$$\begin{array}{r} KLM \\ KNN \\ + KML \\ \hline 1K53 \end{array} \Rightarrow K = ?$$

- A) 1 B) 2 C) 3 D) 4 E) 5

10.
$$\begin{array}{r} KLM \\ + KML \\ \hline 776 \end{array}$$

- A) 197 B) 199 C) 209 D) 219 E) 229

$$\begin{array}{r} LK \\ KM \\ + ML \\ \hline ? \end{array}$$

14.
$$\begin{array}{r} KL \\ LK \\ + LK \\ \hline MM \end{array}$$

- A) 3 B) 4 C) 5 D) 6 E) 8

$$\begin{array}{r} LL \\ + KK \\ \hline 176 \end{array} \Rightarrow M = ?$$

11.
$$\begin{array}{r} \dots \\ \times 4L \\ \hline \dots \\ + 2628 \\ \hline 2K594 \end{array} \Rightarrow K + L = ?$$

- A) 6 B) 8 C) 9 D) 11 E) 13

15.
$$\begin{array}{r} KL \\ \times 4 \\ \hline PR \end{array}$$

- A) 8 B) 9 C) 12 D) 14 E) 16

$$\begin{array}{r} KL \\ \times 6 \\ \hline MN \end{array}$$

$$\begin{array}{r} PR \\ + MN \\ \hline 130 \end{array} \Rightarrow R \cdot N = ?$$

12.
$$\begin{array}{r} K \mid L \\ \hline 0 \end{array} \quad \begin{array}{r} M \mid K \\ \hline 0 \end{array} \Rightarrow K + L + M = ?$$

- A) 8 B) 10 C) 12 D) 14 E) 16

16.
$$\begin{array}{r} MN \\ - NM \\ \hline 72 \end{array} \Rightarrow M + N = ?$$

- A) 8 B) 9 C) 10 D) 11 E) 12

TAKTIK GROUP



YANIT ANAHTARI | ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	A	B	E	A	C	E	C	D	B	C	C	A	D	C	B

TEST 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	B	B	C	D	D	E	A	E	C	B	E	A	A	B

TEST 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
C	B	C	B	A	C	B	C	B	D	B	E	B	C	B

TEST 4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	C	C	D	D	D	B	E	B	A	B	C	E	D	C	D

TEST 5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	C	B	D	B	D	D	E	D	A	C	C	C	C	E	A

TEST 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	A	D	B	C	A	E	B	C	C	B	C	B	C	D	E

TEST 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	E	B	C	D	E	B	A	D	C	E	A	C	C	D	E

TEST 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	D	B	C	C	A	E	C	C	E	C	D	A	B	B	D

TEST 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	A	A	B	B	B	B	B	B	B	A	D	E	C	C	B

TEST 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	C	C	C	E	E	C	C	C	C	E	B	C	D	E	C

TEST 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	D	B	E	C	B	C	D	C	E	B	A	B	B	B	E

TEST 12

1	2	3	4	5	6	7	8	9	10	11	12	13	14		
C	B	B	E	E	B	C	C	C	B	A	D	B	C		

TEST 13

1	2	3	4	5	6	7	8	9	10	11	12	13	14		
A	C	A	E	E	B	E	D	A	D	C	A	C	C		

TEST 14

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
C	B	C	B	C	D	E	E	E	C	D	B	B	A	C	

TEST 15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
B	E	B	D	C	C	E	B	D	C	E	C	C	D	B	

TEST 16

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	D	D	D	A	D	D	A	E	B	E	C	D	C	B	C

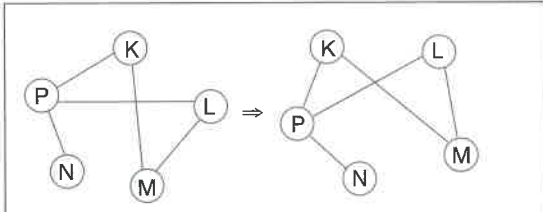
TEST 17

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	B	B	C	B	E	D	D	D	D	B	E	B	A	D	C

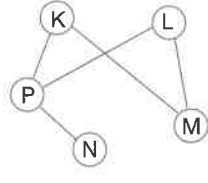
TEST 18

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	C	B	B	C	E	A	E	B	C	C	D	D	E	E	C





Şekil I
Figure I

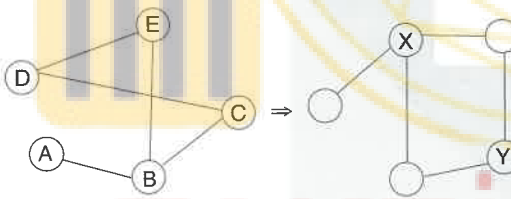


Şekil II
Figure II

K, L, M, N ve P harfleri I. şekildeki gibi birbirine bağlanmıştır. I. şekildeki bağlantı sayıları ve birbirine bağlanan harfler değişmemek koşuluyla II. şekil elde edilmiştir.

Letters K,L,M and P are linked as in Figure I. Figure II. has been constructed so as not to change which letters are linked to which, and the number of links made with each letter, in figure I.

1.



Şekil I
Figure I



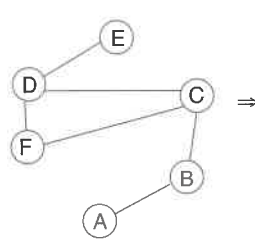
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

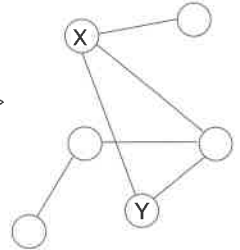
Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	C
B)	B	D
C)	D	B
D)	A	E
E)	C	E

2.



Şekil I
Figure I



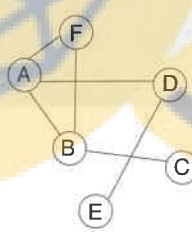
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

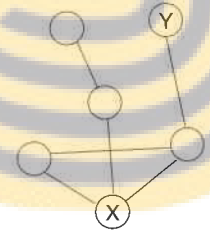
Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	A
B)	A	B
C)	C	D
D)	D	F
E)	E	F

3.



Şekil I
Figure I

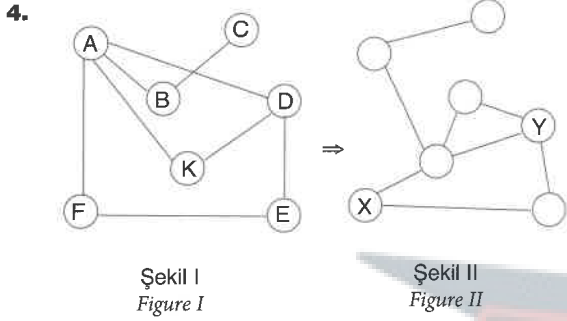


Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

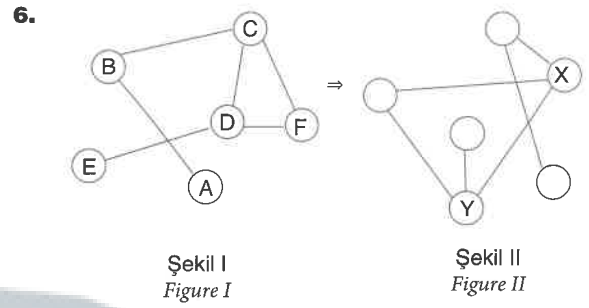
Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	C
B)	B	E
C)	A	E
D)	A	C
E)	C	D



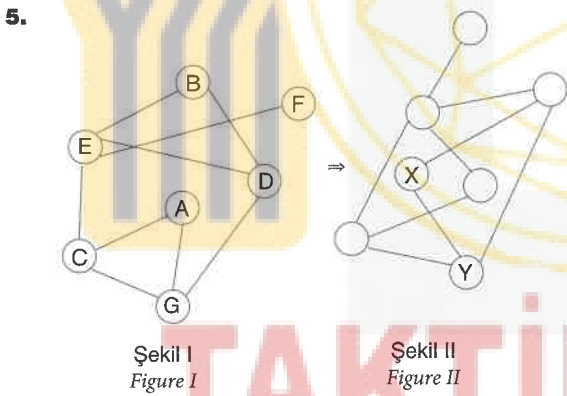
II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.
Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	D
B)	F	E
C)	E	D
D)	E	A
E)	B	E



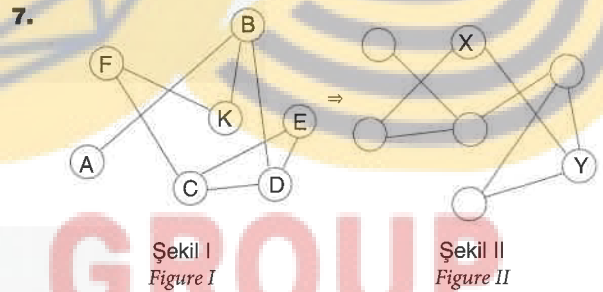
II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.
Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	B
B)	C	B
C)	F	D
D)	A	B
E)	C	D



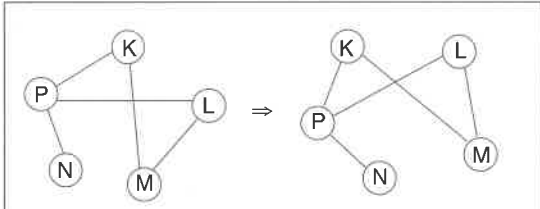
II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.
Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	C
B)	A	C
C)	B	E
D)	A	G
E)	C	A



II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.
Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	E
B)	D	A
C)	A	E
D)	F	C
E)	A	B



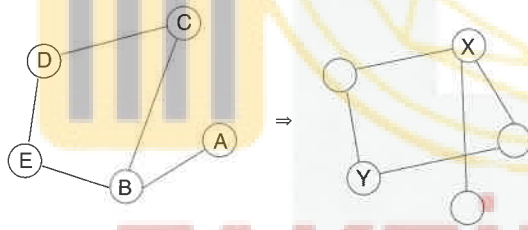
Şekil I
Figure I

Şekil II
Figure II

K, L, M, N ve P harfleri I. şekildeki gibi birbirine bağlanmıştır. I. şekildeki bağlantı sayıları ve birbirine bağlanan harfler değişmemek koşuluyla II. şekil elde edilmiştir.

Letters K, L, M and P are linked as in Figure I. Figure II. has been constructed so as not to change which letters are linked to which, and the number of links made with each letter, in figure I.

1.



Şekil I
Figure I

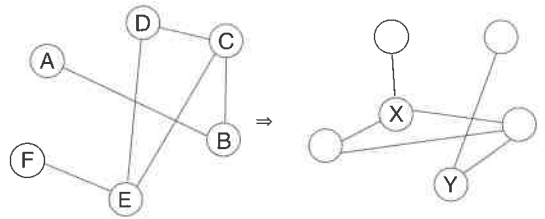
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	A
B)	B	D
C)	E	C
D)	D	B
E)	B	C

2.



Şekil I
Figure I

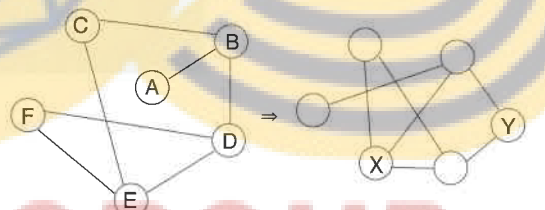
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	B
B)	E	B
C)	E	D
D)	C	D
E)	C	A

3.



Şekil I
Figure I

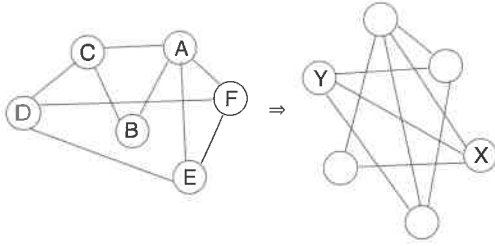
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	D
B)	D	C
C)	C	E
D)	A	E
E)	B	C

4.



Şekil I
Figure I

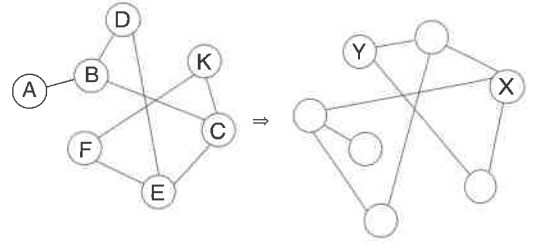
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	C
B)	A	C
C)	B	D
D)	C	E
E)	C	D

6.



Şekil I
Figure I

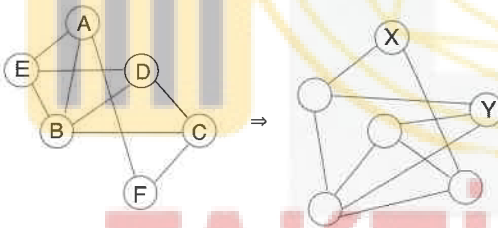
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	F
B)	A	C
C)	C	D
D)	A	E
E)	A	F

5.



Şekil I
Figure I

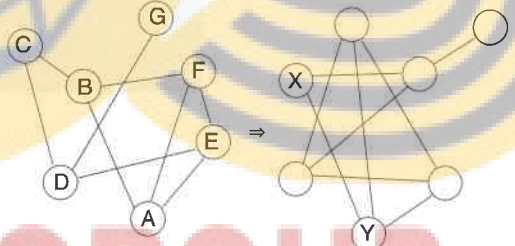
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	A
B)	F	B
C)	F	E
D)	D	F
E)	D	E

7.



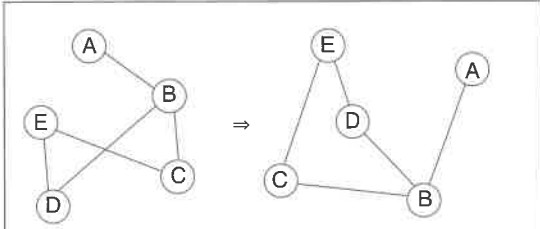
Şekil I
Figure I

Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	B
B)	C	E
C)	E	A
D)	C	D
E)	D	B



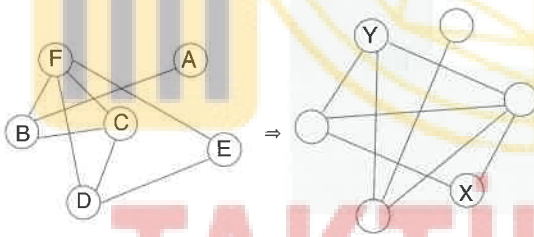
Şekil I
Figure 1

Şekil II
Figure II

A, B, C, D ve E harfleri I. şekildeki gibi birbirine bağlıdır. I. şekildeki bağlantı sayıları ve birbirine bağlanan harfler değişmemek koşuluyla II. şekil elde edilmiştir.

Letters A, B, C, D and E are linked as in Figure I. Figure II. has been constructed so as not to change which letters are linked to which, and the number of links made with each letter, in figure I.

1.



Şekil I
Figure 1

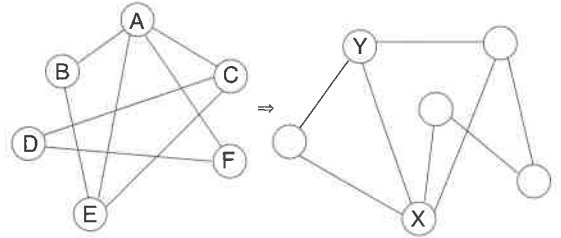
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	C
B)	B	D
C)	E	C
D)	D	B
E)	B	F

2.



Şekil I
Figure 1

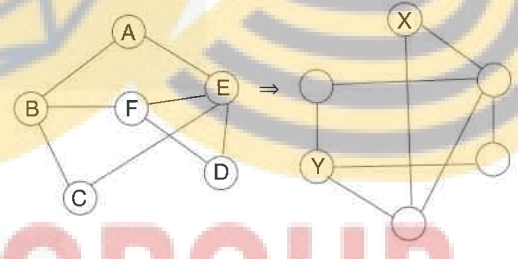
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	C
B)	A	C
C)	B	E
D)	A	E
E)	D	B

3.



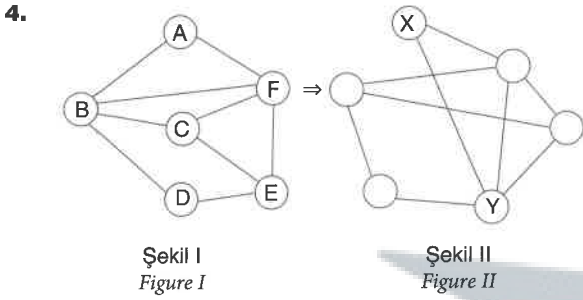
Şekil I
Figure 1

Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

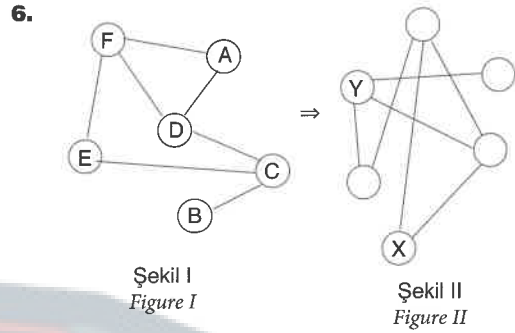
	X	Y
A)	A	B
B)	A	C
C)	F	E
D)	D	E
E)	D	B



II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

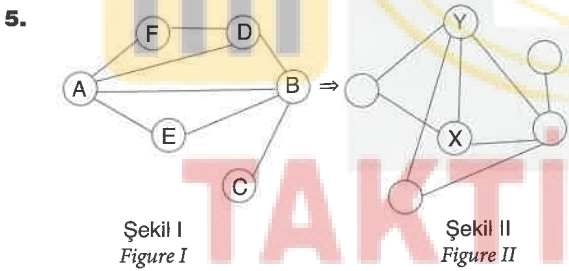
	X	Y
A)	A	B
B)	D	B
C)	A	F
D)	C	F
E)	E	F



II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

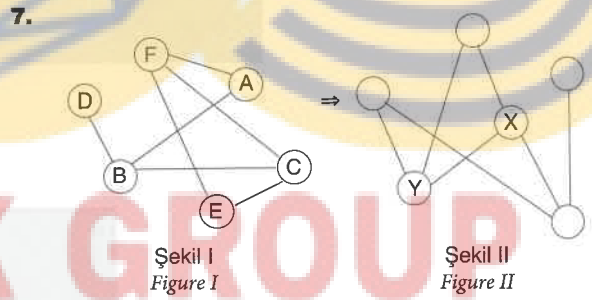
	X	Y
A)	E	D
B)	E	C
C)	E	F
D)	A	F
E)	A	C



II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	A
B)	E	D
C)	F	A
D)	D	B
E)	D	A

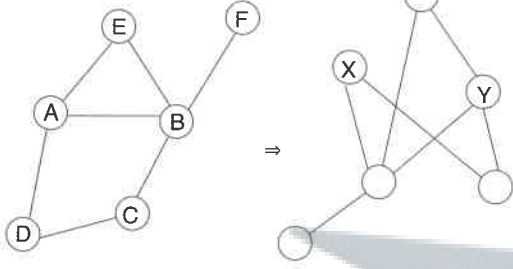


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	F
B)	C	E
C)	F	C
D)	F	B
E)	B	F

1.



Şekil I
Figure I

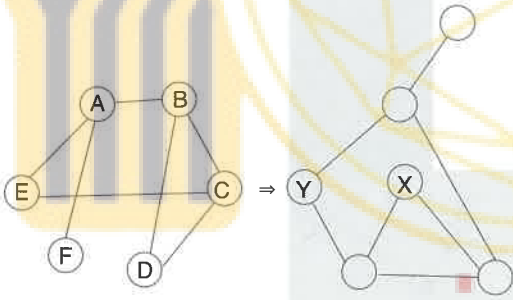
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	B
B)	C	A
C)	E	A
D)	A	D
E)	C	B

2.



Şekil I
Figure I

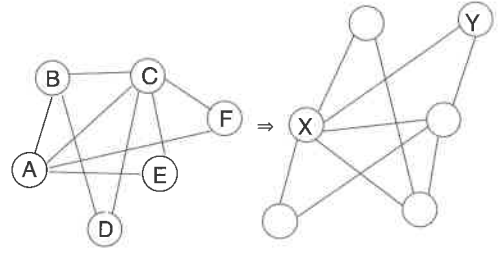
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	B
B)	C	A
C)	B	C
D)	A	D
E)	D	E

3.



Şekil I
Figure I

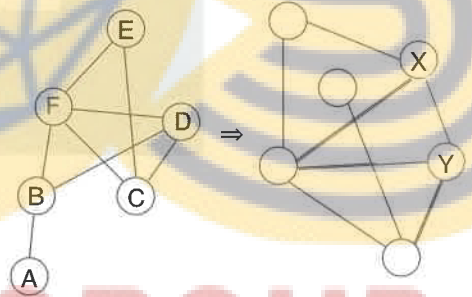
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	E
B)	C	A
C)	B	C
D)	A	D
E)	B	E

4.



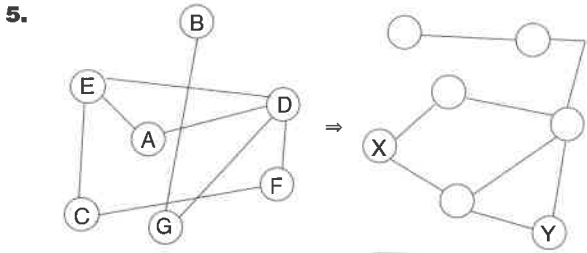
Şekil I
Figure I

Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	E
B)	B	C
C)	D	F
D)	B	E
E)	C	D



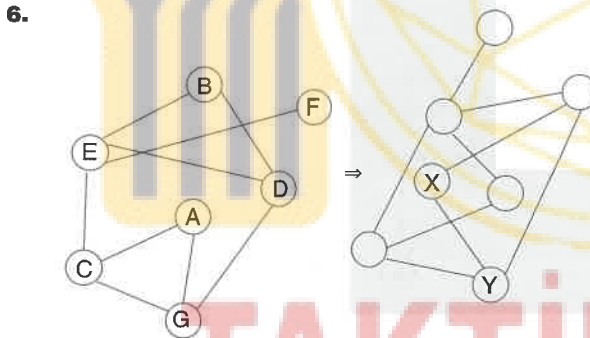
Şekil I
Figure I

Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	D
B)	A	B
C)	B	E
D)	C	A
E)	D	F



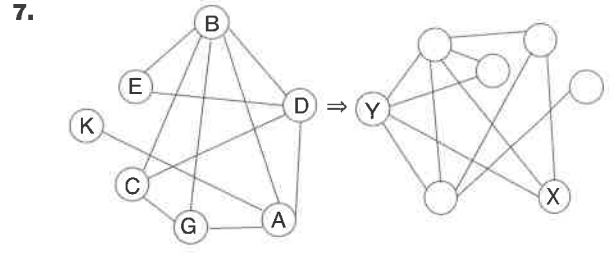
Şekil I
Figure I

Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	D
B)	A	G
C)	E	B
D)	B	A
E)	G	C



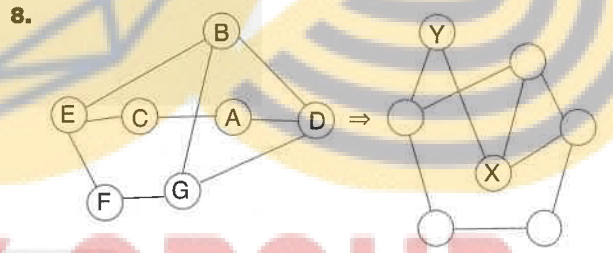
Şekil I
Figure I

Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	A	C
B)	B	D
C)	C	D
D)	A	B
E)	D	C



Şekil I
Figure I

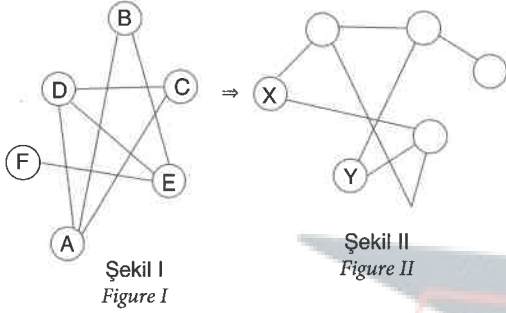
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	G
B)	G	F
C)	D	C
D)	G	C
E)	C	B

1.

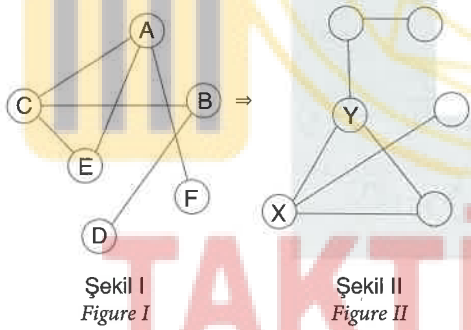


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	E
B)	C	A
C)	A	D
D)	B	C
E)	C	B

2.

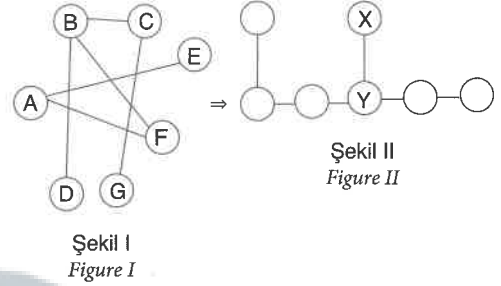


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	B
B)	B	D
C)	A	C
D)	E	C
E)	A	B

3.

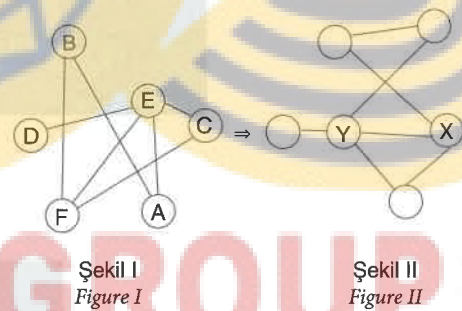


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	B
B)	C	A
C)	B	C
D)	A	D
E)	D	E

4.

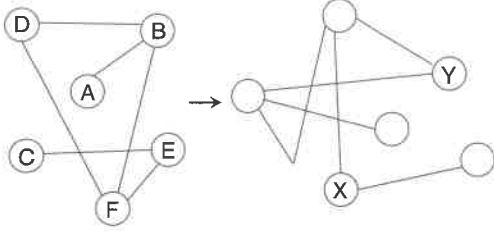


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	C
B)	A	E
C)	F	B
D)	F	E
E)	C	B

5.



Şekil I
Figure I

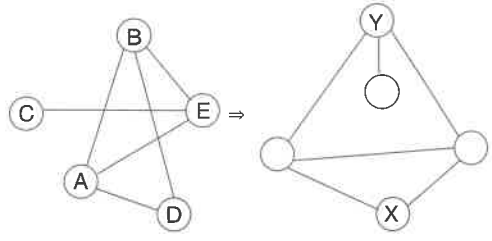
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	B
B)	C	D
C)	F	A
D)	E	D
E)	A	F

7.



Şekil I
Figure I

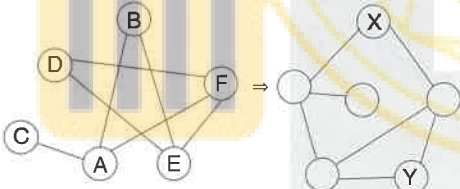
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	D
B)	C	A
C)	D	C
D)	B	C
E)	D	E

6.



Şekil I
Figure I

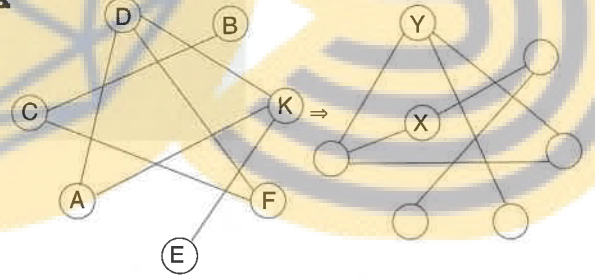
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	C
B)	F	E
C)	E	B
D)	B	D
E)	D	E

8.



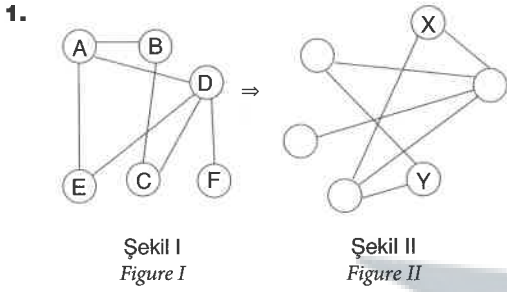
Şekil I
Figure I

Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

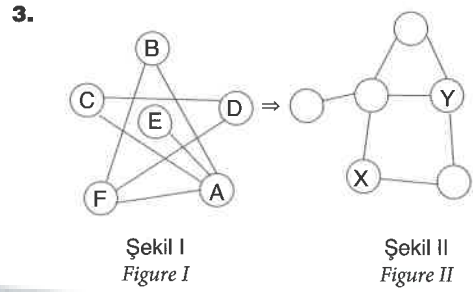
	X	Y
A)	F	C
B)	K	C
C)	E	K
D)	F	K
E)	D	E



II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

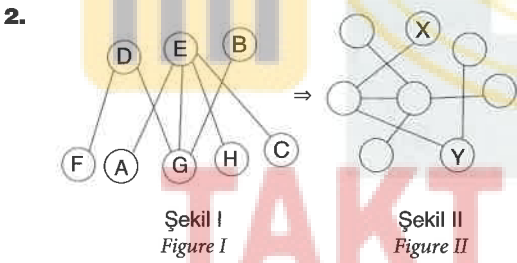
	X	Y
A)	B	E
B)	E	C
C)	C	B
D)	B	A
E)	E	B



II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

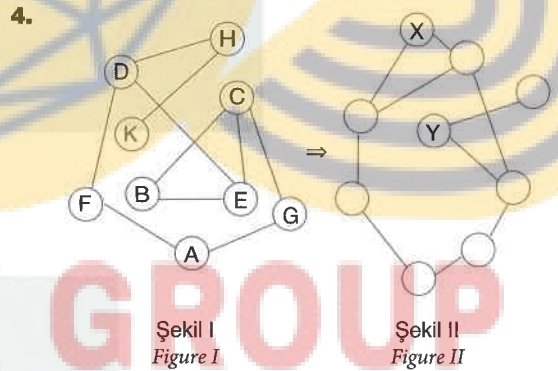
	X	Y
A)	A	C
B)	C	F
C)	C	B
D)	F	C
E)	B	D



II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	E
B)	H	G
C)	F	C
D)	B	D
E)	H	D

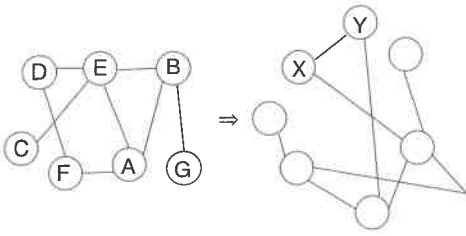


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	K
B)	D	G
C)	F	H
D)	A	C
E)	B	H

5.



Şekil I
Figure I

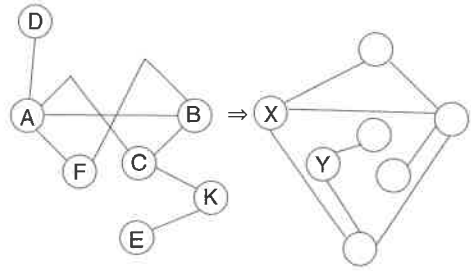
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	B
B)	F	G
C)	D	E
D)	D	F
E)	A	D

7.



Şekil I
Figure I

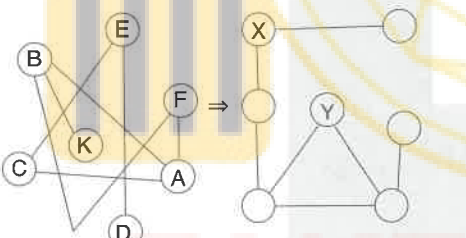
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	K	A
B)	C	B
C)	B	K
D)	A	C
E)	F	K

6.



Şekil I
Figure I

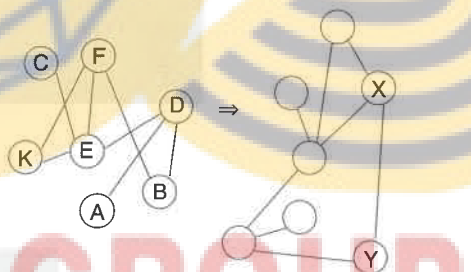
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	B
B)	B	F
C)	K	C
D)	F	E
E)	E	F

8.



Şekil I
Figure I

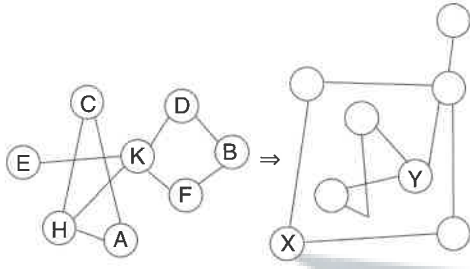
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	B
B)	K	B
C)	C	B
D)	D	F
E)	C	A

1.



Şekil I
Figure I

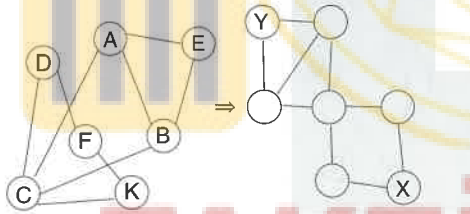
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	C
B)	C	F
C)	B	A
D)	K	H
E)	B	H

2.



Şekil I
Figure I

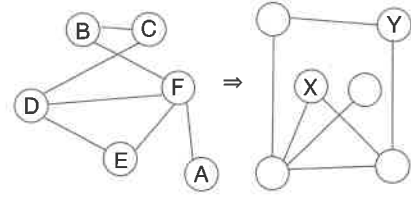
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	F
B)	K	A
C)	F	E
D)	E	K
E)	F	C

3.



Şekil I
Figure I

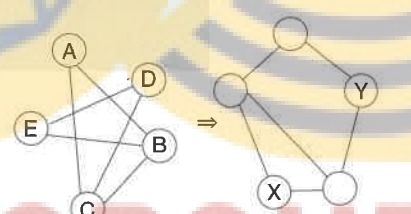
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	E
B)	E	C
C)	D	F
D)	B	C
E)	E	B

4.



Şekil I
Figure I

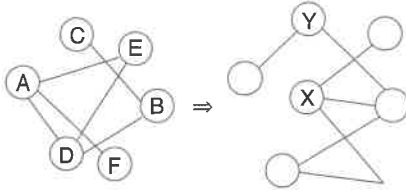
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	A
B)	E	B
C)	D	C
D)	A	D
E)	E	A

5.



Şekil I
Figure I

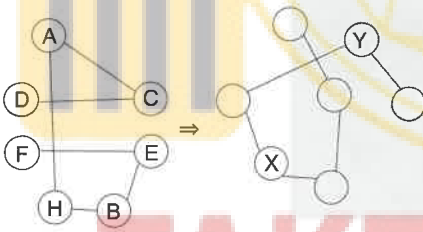
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	A	B
B)	C	D
C)	E	B
D)	B	A
E)	A	F

6.



Şekil I
Figure I

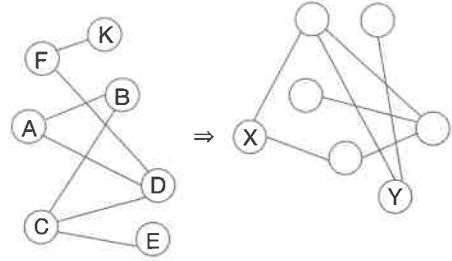
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	H	E
B)	F	D
C)	E	H
D)	K	C
E)	H	D

7.



Şekil I
Figure I

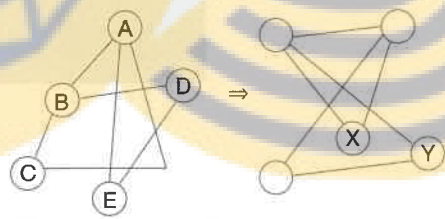
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	F
B)	A	E
C)	B	E
D)	A	F
E)	F	D

8.



Şekil I
Figure I

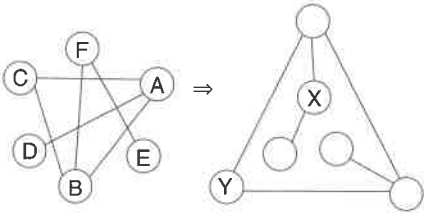
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	E
B)	A	C
C)	D	E
D)	C	D
E)	A	D

1.



Şekil I
Figure I

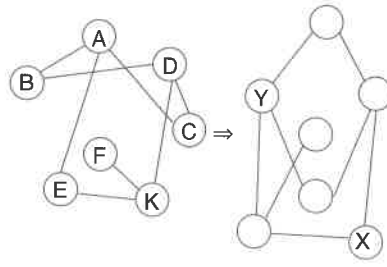
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	B
B)	A	C
C)	B	D
D)	F	C
E)	E	F

3.



Şekil I
Figure I

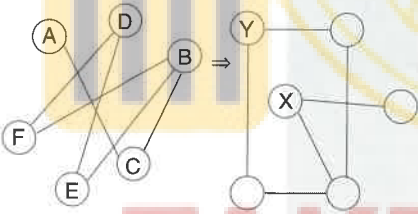
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	E
B)	E	C
C)	D	F
D)	B	C
E)	E	D

2.



Şekil I
Figure I

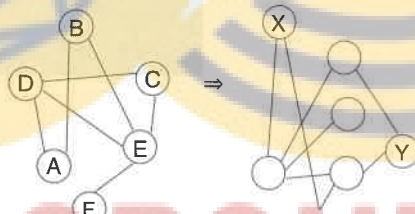
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	E
B)	E	D
C)	A	C
D)	D	C
E)	C	D

4.



Şekil I
Figure I

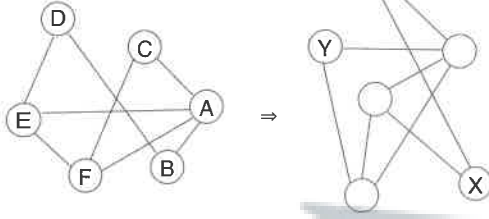
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

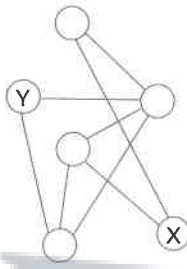
Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	B
B)	C	A
C)	F	E
D)	C	B
E)	E	A

5.



Şekil I
Figure I



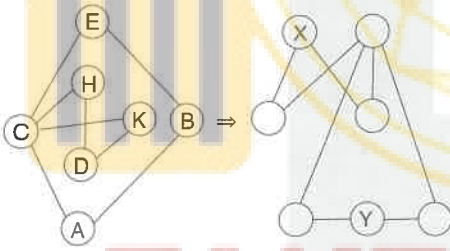
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

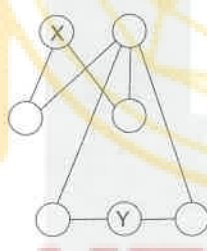
Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	C
B)	E	D
C)	B	F
D)	F	E
E)	D	C

6.



Şekil I
Figure I



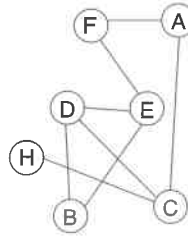
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

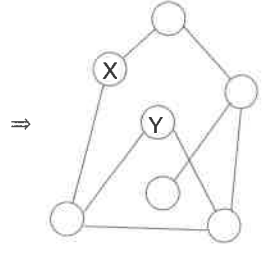
Find the letters that correspond to x and y in figure II.

	X	Y
A)	D	C
B)	C	B
C)	E	A
D)	D	B
E)	K	H

7.



Şekil I
Figure I



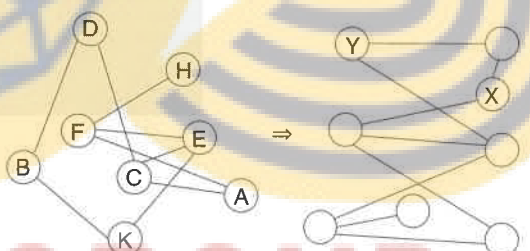
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

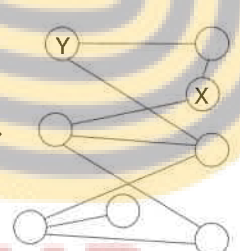
Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	C
B)	E	D
C)	B	F
D)	F	B
E)	D	C

8.



Şekil I
Figure I



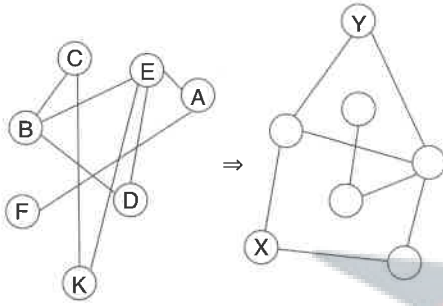
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	C
B)	K	D
C)	C	B
D)	K	H
E)	D	K

1.



Şekil I
Figure I

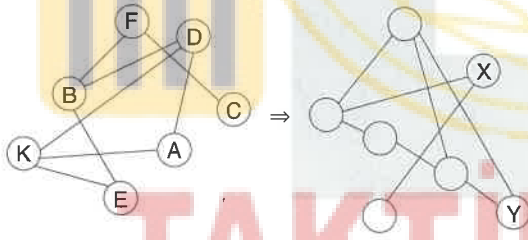
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	A
B)	D	B
C)	B	E
D)	C	D
E)	A	C

2.



Şekil I
Figure I

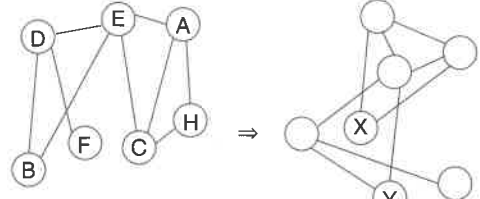
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	B	A
B)	F	E
C)	D	K
D)	F	A
E)	C	D

3.



Şekil I
Figure I

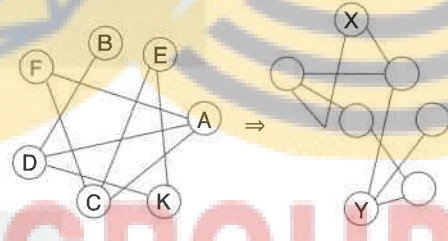
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	H	C
B)	B	H
C)	H	B
D)	D	H
E)	B	D

4.



Şekil I
Figure I

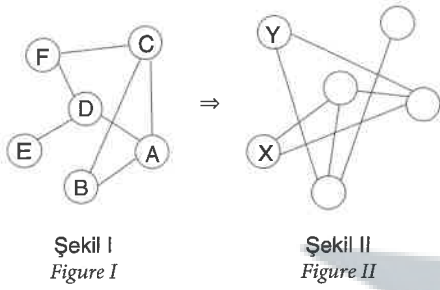
Şekil II
Figure II

II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	F	K
B)	E	D
C)	C	B
D)	F	D
E)	C	F

5.

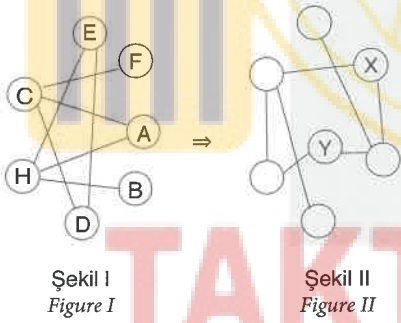


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	C	F
B)	B	D
C)	B	F
D)	A	C
E)	F	B

6.

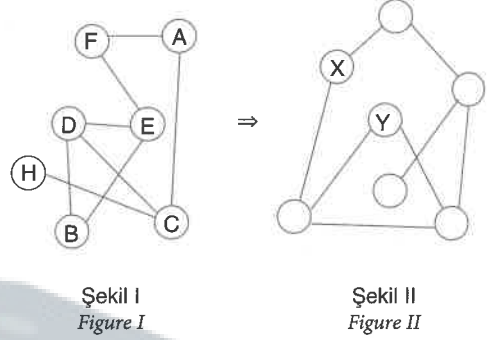


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	H	A
B)	E	A
C)	H	C
D)	B	D
E)	A	D

7.

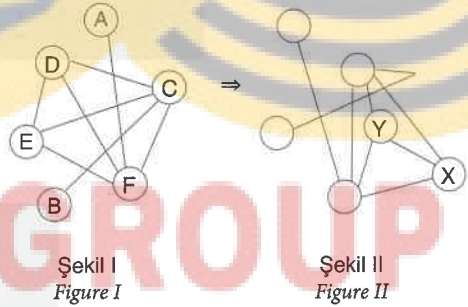


II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	H	A
B)	D	C
C)	A	F
D)	B	D
E)	F	B

8.



II. Şekilde x ve y nin yerine gelmesi gereken harfleri bulunuz.

Find the letters that correspond to x and y in figure II.

	X	Y
A)	E	A
B)	C	E
C)	D	C
D)	C	A
E)	E	D

EŞLEŞTİRME
MATCHING

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	
B	D	D	A	D	E	D	

TEST 2

1	2	3	4	5	6	7	
B	B	B	E	C	A	A	

TEST 3

1	2	3	4	5	6	7	
C	D	E	A	E	E	A	

TEST 4

1	2	3	4	5	6	7	8
B	E	A	E	D	B	C	B

TEST 5

1	2	3	4	5	6	7	8
E	C	A	D	D	D	E	D

TEST 6

1	2	3	4	5	6	7	8
E	D	B	E	D	E	C	A

TEST 7

1	2	3	4	5	6	7	8
E	C	B	D	A	A	D	D

TEST 8

1	2	3	4	5	6	7	8
D	E	E	B	E	D	D	E

TEST 9

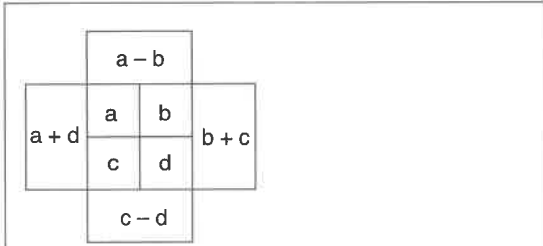
1	2	3	4	5	6	7	8
D	D	C	D	C	E	E	E

TAKTİK GROUP



DENKLEM EŞLEŞTİRME
EQUATION MATCHING

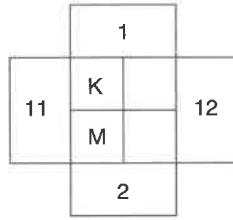
TAKTİK GROUP



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

The figure above has been organized according to various operations using four positive integers represented by the letters a, b, c and d. The integers represented by the letters may change from question to question, but the operations to be done remain the same.

3.

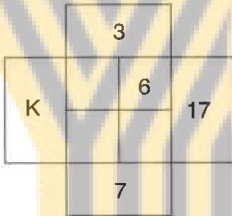


Yukarıda verilen şekle göre $K + M$ kaçtır?

According to the figure above, what is the value of $K + M$?

- A) 10 B) 13 C) 14 D) 16 E) 19

1.

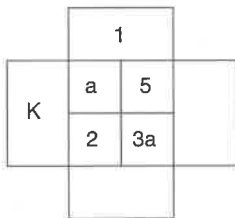


Yukarıda verilen şekle göre K kaçtır?

According to the figure above, what is the value of K?

- A) 9 B) 11 C) 13 D) 14 E) 15

2.

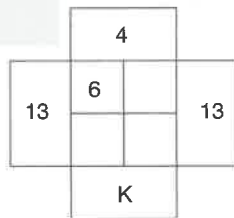


Yukarıda verilen şekle göre K kaçtır?

According to the figure above, what is the value of K?

- A) 14 B) 16 C) 21 D) 24 E) 26

4.

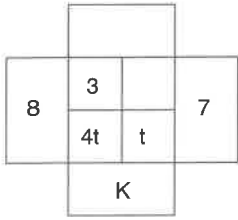


Yukarıda verilen şekle göre K kaçtır?

According to the figure above, what is the value of K?

- A) 2 B) 3 C) 4 D) 5 E) 7

5.

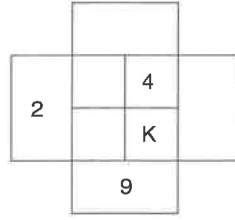


Yukarıda verilen şekle göre K kaçtır?

According to the figure above, what is the value of K?

- A) 9 B) 7 C) 10 D) 6 E) 11

7.

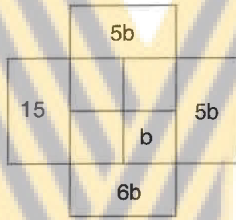


Yukarıda verilen şekle göre K kaçtır?

According to the figure above, what is the value of K?

- A) 4 B) 6 C) 7 D) 9 E) 11

6.

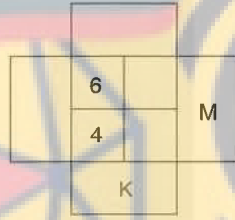


Yukarıda verilen şekle göre b kaçtır?

According to the figure above, what is the value of b?

- A) 2 B) 3 C) 4 D) 5 E) 6

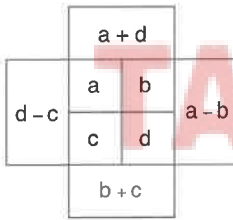
8.



Yukarıda verilen şekle göre K + M kaçtır?

According to the figure above, what is the value of K + M?

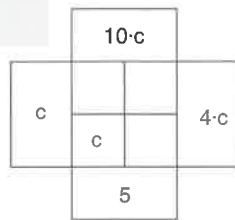
- A) 12 B) 8 C) 10 D) 14 E) 18



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

The figure above has been organized according to various operations using four positive integers represented by the letters a, b, c and d. The integers represented by the letters may change from question to question, but the operations to be done remain the same.

9.



Yukarıda verilen şekle göre c kaçtır?

According to the figure above, what is the value of c?

- A) 1 B) 2 C) 3 D) 4 E) 5

	a·b		
b·c	a	c	a·d
	b	d	
	c·d		

Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

The figure above has been organized according to various operations using four positive integers represented by the letters a, b, c and d. The integers represented by the letters may change from question to question, but the operations to be done remain the same.

1.

	12		
	c		21
4			
	42		

Yukarıda verilen şekle göre c kaçtır?
According to the figure above, what is the value of c?

- A) 2 B) 4 C) 6 D) 7 E) 8

2.

	$2 \cdot a^2$		
$6 \cdot a^2$	a		$4 \cdot a^2$
	48		

Yukarıda verilen şekle göre a kaçtır?
According to the figure above, what is the value of a?

- A) 2 B) 4 C) 6 D) 3 E) 8

3.

	28		
42			20
	b	5	
	30		

Yukarıda verilen şekle göre b kaçtır?
According to the figure above, what is the value of b?

- A) 4 B) 6 C) 7 D) 5 E) 8

	a·d			
$\frac{d}{c}$	a	d	$\frac{a}{b}$	
	c	b		
	b·c			

Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

The figure above has been organized according to various operations using four positive integers represented by the letters a, b, c and d. The integers represented by the letters may change from question to question, but the operations to be done remain the same.

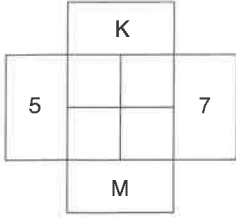
4.

	a		3
	6		
	24		

Yukarıda verilen şekle göre a kaçtır?
According to the figure above, what is the value of a?

- A) 4 B) 12 C) 16 D) 18 E) 24

5.

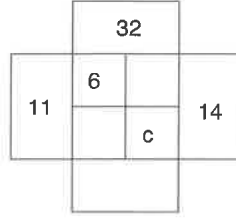


Yukarıda verilen şekle göre $\frac{K}{M}$ kaçtır?

According to the figure above, what is the value of $\frac{K}{M}$?

- A) 25 B) 49 C) 35 D) 42 E) 45

7.

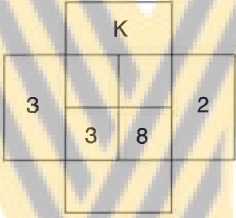


Yukarıda verilen şekle göre c kaçtır?

According to the figure above, what is the value of c?

- A) 7 B) 4 C) 8 D) 5 E) 3

6.



Yukarıda verilen şekle göre K kaçtır?

According to the figure above, what is the value of K?

- A) 81 B) 96 C) 108 D) 144 E) 169

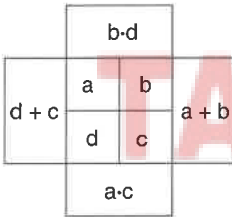
8.



Yukarıda verilen şekle göre $a \cdot d + b \cdot c$ kaçtır?

According to the figure above, what is the value of $a \cdot d + b \cdot c$?

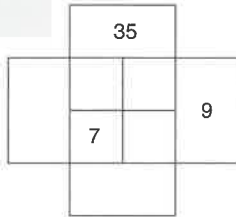
- A) 24 B) 28 C) 32 D) 36 E) 38



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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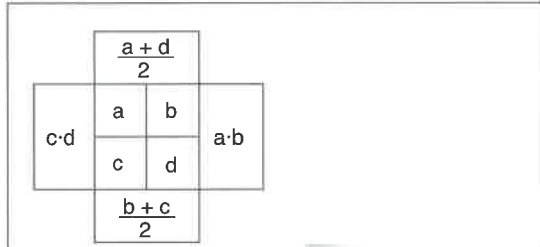
9.



Yukarıda verilen şekle göre $a \cdot d$ kaçtır?

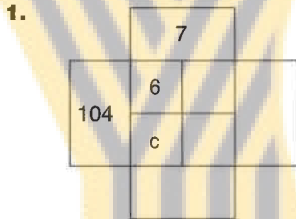
According to the figure above, what is the value of $a \cdot d$?

- A) 16 B) 18 C) 24 D) 28 E) 36



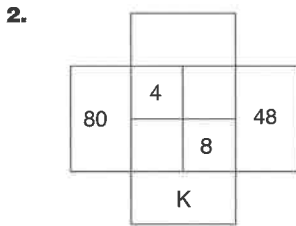
Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

The figure above has been organized according to various operations using four positive integers represented by the letters a, b, c and d. The integers represented by the letters may change from question to question, but the operations to be done remain the same.



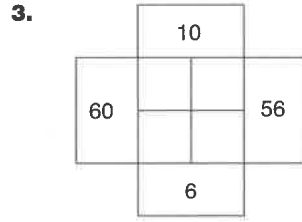
Yukarıda verilen şekle göre c kaçtır?
According to the figure above, what is the value of c?

- A) 8 B) 11 C) 12 D) 13 E) 16



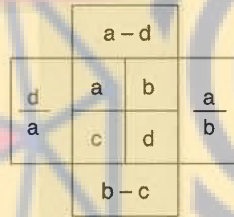
Yukarıda verilen şekle göre K kaçtır?
According to the figure above, what is the value of K?

- A) 8 B) 11 C) 12 D) 14 E) 16



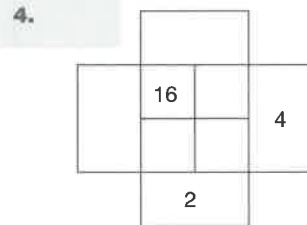
Yukarıda verilen şekle göre a·c + b·d kaçtır?
According to the figure above, what is the value of a·c + b·d ?

- A) 86 B) 94 C) 116 D) 124 E) 136



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

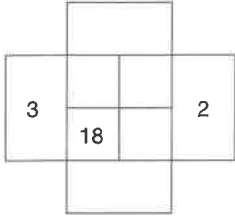
The figure above has been organized according to various operations using four positive integers represented by the letters a, b, c and d. The integers represented by the letters may change from question to question, but the operations to be done remain the same.



Yukarıda verilen şekle göre c kaçtır?
According to the figure above, what is the value of c ?

- A) 4 B) 6 C) 8 D) 10 E) 2

5.

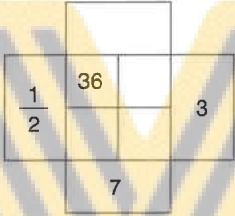


Yukarıda verilen şekle göre $\frac{d}{b}$ kaçtır?

According to the figure above, what is the value of $\frac{d}{b}$?

- A) 6 B) 12 C) 18 D) 14 E) 9

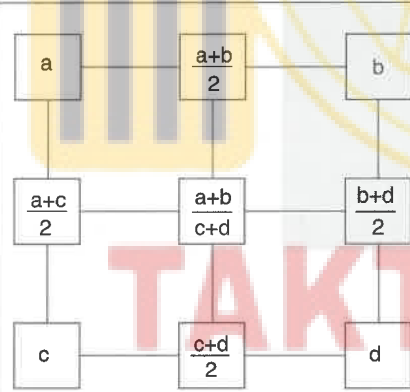
6.



Yukarıda verilen şekle göre $d \cdot b$ kaçtır ?

According to the figure above, what is the value of $d \cdot b$?

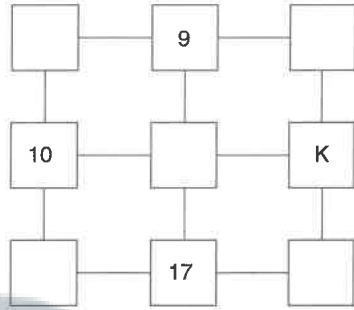
- A) 258 B) 128 C) 216 D) 108 E) 184



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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7.

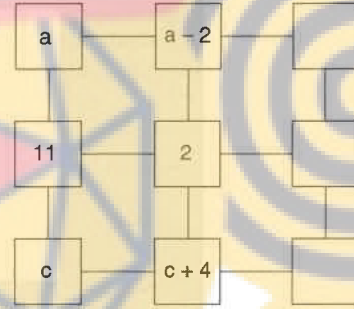


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 14 B) 12 C) 16 D) 18 E) 20

8.



Yukarıda verilen şekle göre c kaçtır ?

According to the figure above, what is the value of c ?

- A) 2 B) 4 C) 6 D) 12 E) 18

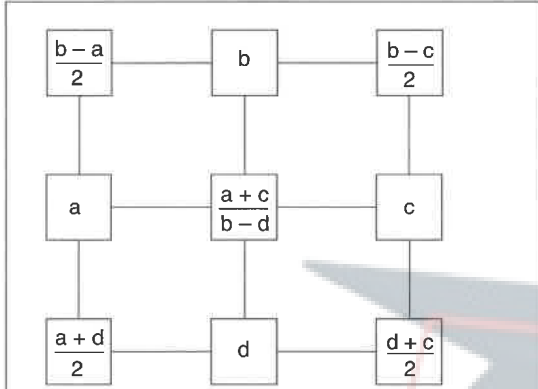
9.



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

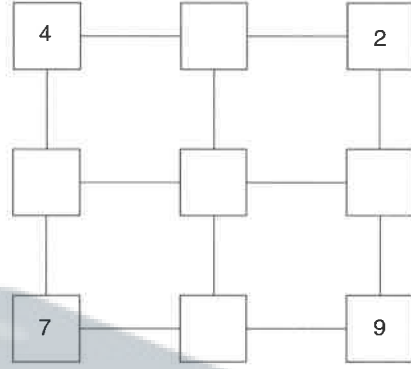
- A) 1 B) 2 C) 3 D) 4 E) 5



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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2.

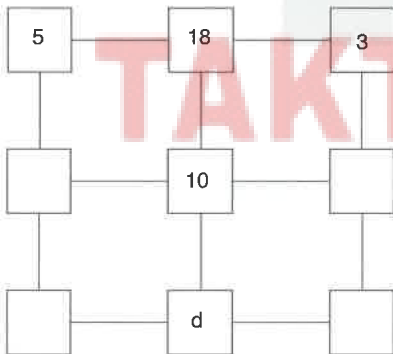


Yukarıda verilen şekle göre b + d kaçtır ?

According to the figure above, what is the value of b + d ?

- A) 12 B) 14 C) 16 D) 18 E) 22

1.

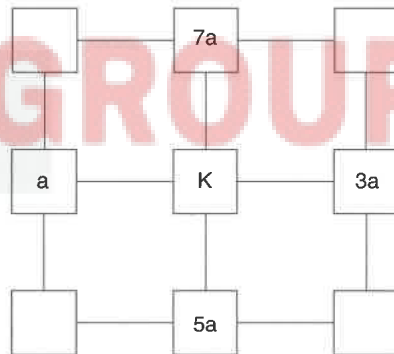


Yukarıda verilen şekle göre d kaçtır ?

According to the figure above, what is the value of d ?

- A) 6 B) 10 C) 14 D) 16 E) 9

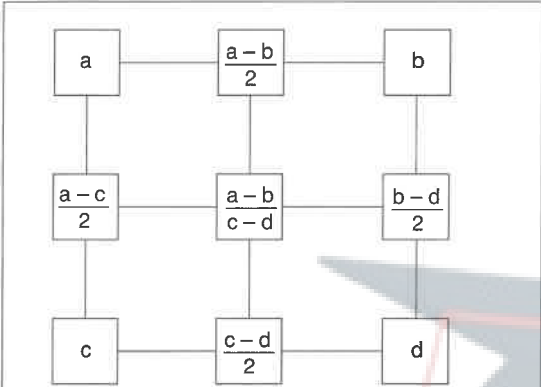
3.



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

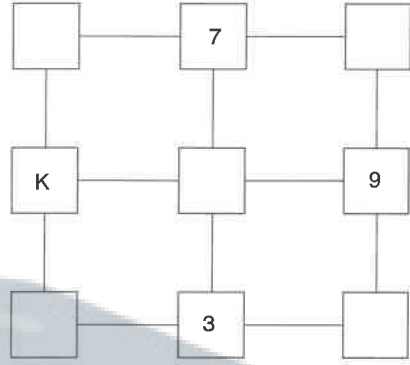
- A) 1 B) 2 C) 3 D) 4 E) 5



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harfin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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5.

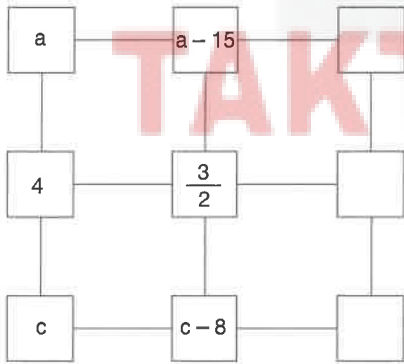


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 9 B) 12 C) 13 D) 16 E) 17

4.

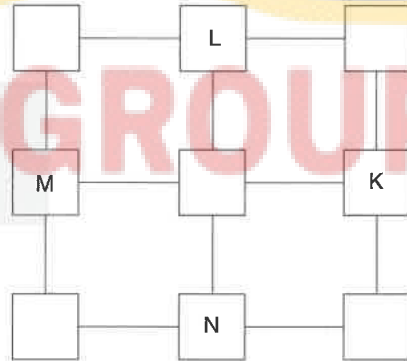


Yukarıda verilen şekle göre c kaçtır ?

According to the figure above, what is the value of c ?

- A) 6 B) 8 C) 10 D) 12 E) 14

6.

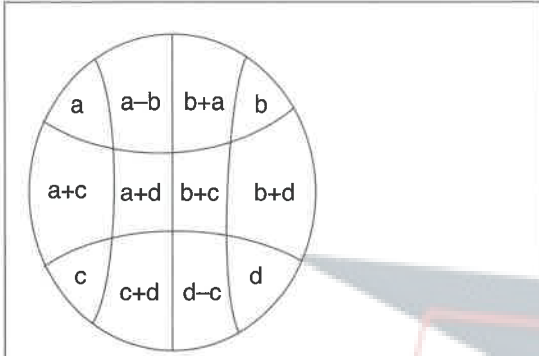


$K + L = 18$

Yukarıda verilen şekle göre M + N kaçtır ?

According to the figure above, what is the value of M + N ?

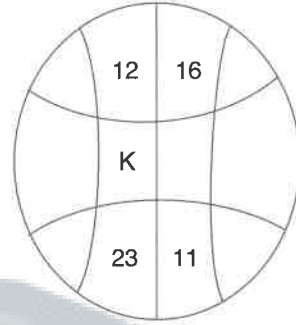
- A) 12 B) 14 C) 17 D) 19 E) 18



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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2.

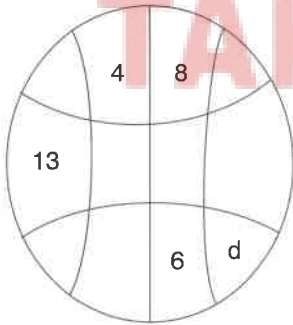


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 19 B) 23 C) 29 D) 31 E) 36

1.

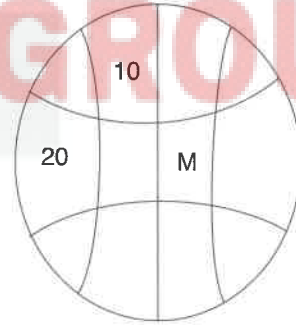


Yukarıda verilen şekle göre d kaçtır ?

According to the figure above, what is the value of d ?

- A) 6 B) 9 C) 11 D) 13 E) 17

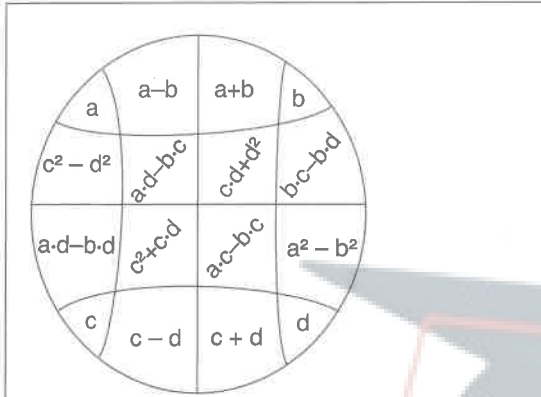
3.



Yukarıda verilen şekle göre M kaçtır ?

According to the figure above, what is the value of M ?

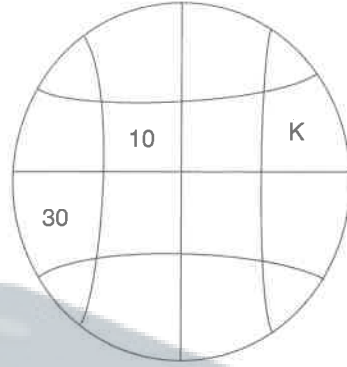
- A) 7 B) 10 C) 13 D) 16 E) 19



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harfin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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5.

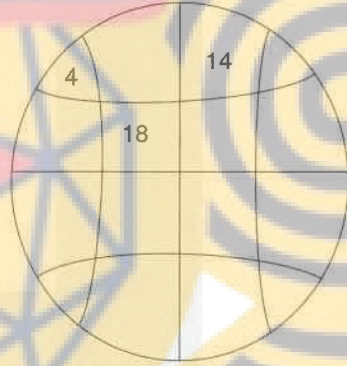


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 14 B) 19 C) 20 D) 24 E) 29

6.

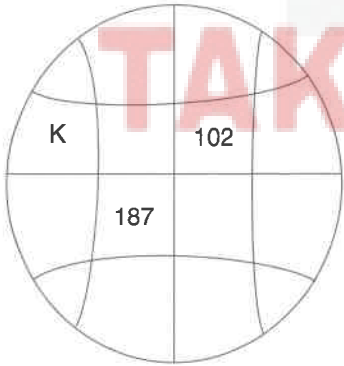


Yukarıda verilen şekle göre $2d - 5c$ kaçtır ?

According to the figure above, what is the value of $2d - 5c$?

- A) 3 B) 6 C) 9 D) 12 E) 16

4.

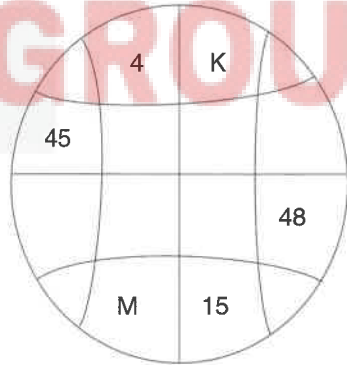


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 20 B) 32 C) 67 D) 70 E) 85

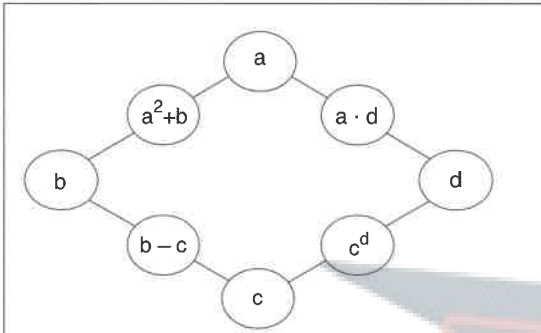
7.



Yukarıda verilen şekle göre $K + M$ kaçtır ?

According to the figure above, what is the value of $K + M$?

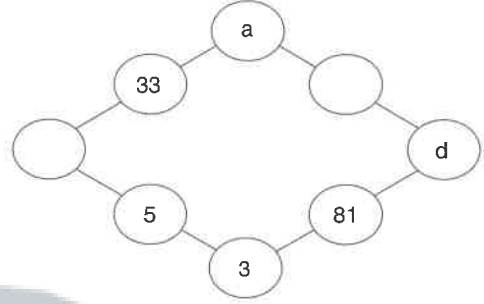
- A) 14 B) 15 C) 28 D) 31 E) 34



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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2.

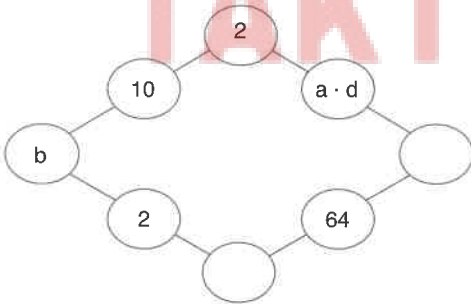


Yukarıda verilen şekle göre a + d kaçtır ?

According to the figure above, what is the value of a + d ?

- A) 7 B) 9 C) 13 D) 17 E) 20

1.

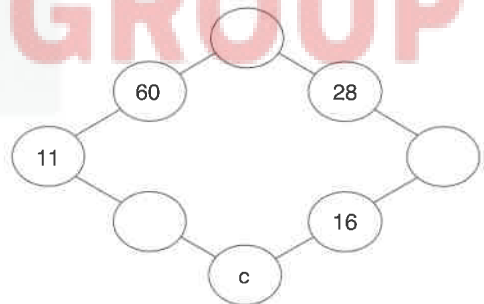


Yukarıda verilen şekle göre a · d kaçtır ?

According to the figure above, what is the value of a · d ?

- A) 6 B) 12 C) 18 D) 24 E) 36

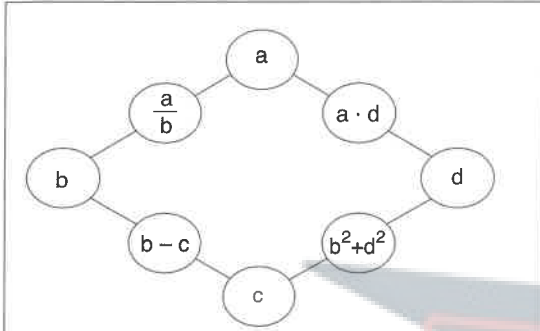
3.



Yukarıda verilen şekle göre c kaçtır ?

According to the figure above, what is the value of c ?

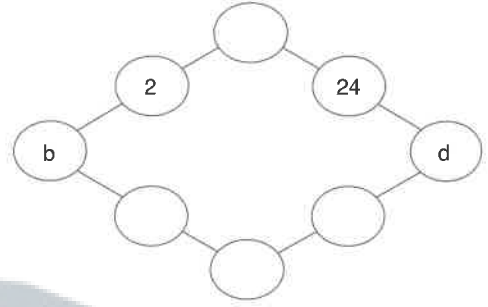
- A) 2 B) 4 C) 6 D) 1 E) 3



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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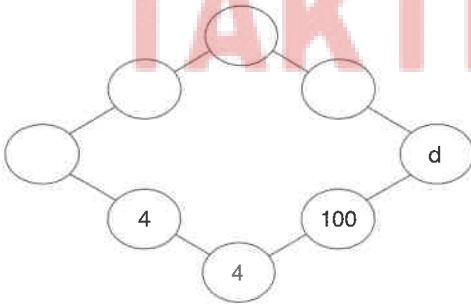


Yukarıda verilen şekle göre $b \cdot d$ kaçtır ?

According to the figure above, what is the value of $b \cdot d$?

- A) 8 B) 10 C) 12 D) 16 E) 20

4.

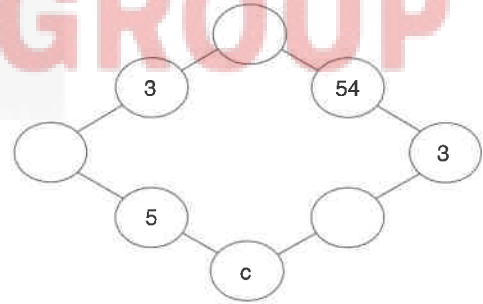


Yukarıda verilen şekle göre d kaçtır ?

According to the figure above, what is the value of d ?

- A) 2 B) 3 C) 4 D) 6 E) 12

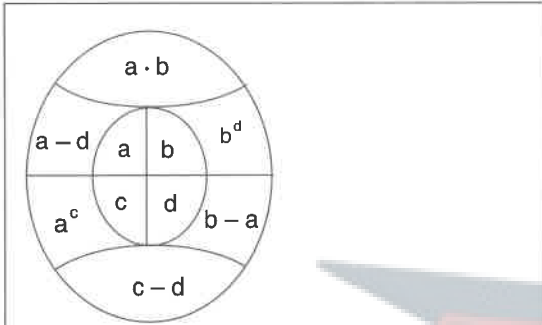
6.



Yukarıda verilen şekle göre c kaçtır ?

According to the figure above, what is the value of c ?

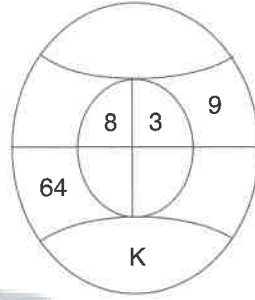
- A) 1 B) 2 C) 3 D) 4 E) 6



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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2.

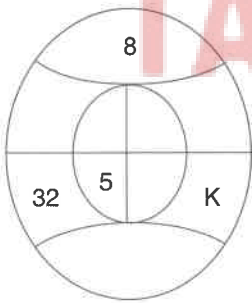


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) - 6 B) - 4 C) - 2 D) 0 E) 6

1.

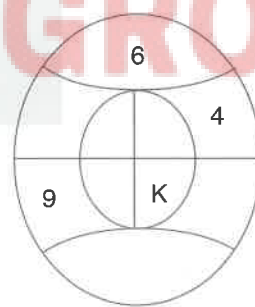


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) - 4 B) - 2 C) 0 D) 2 E) 4

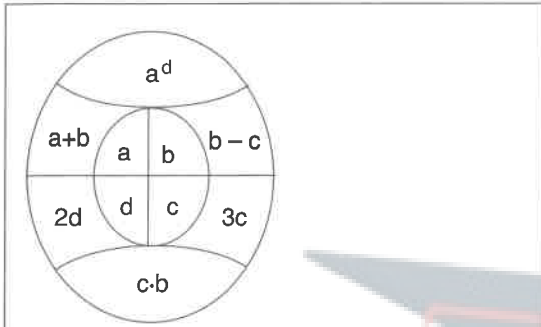
3.



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

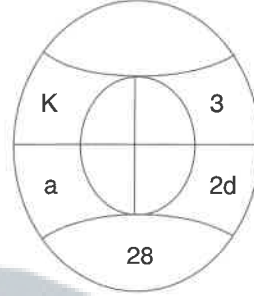
- A) - 1 B) 1 C) 2 D) 4 E) 5



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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5.

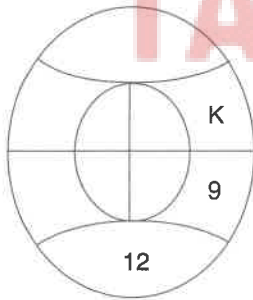


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 28 B) 24 C) 21 D) 19 E) 15

4.

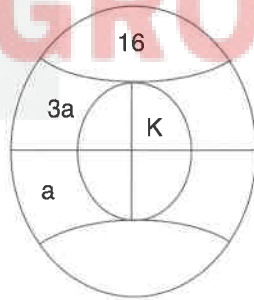


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) -1 B) 0 C) 1 D) 3 E) 4

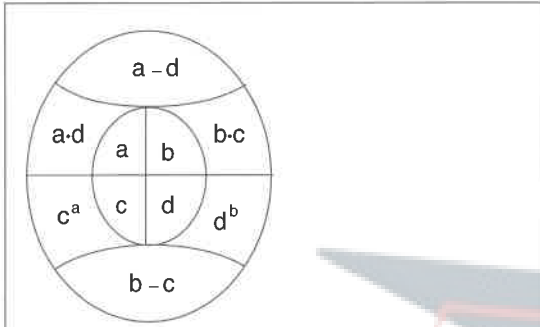
6.



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

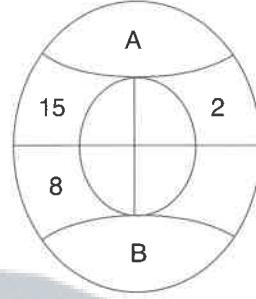
- A) -4 B) -2 C) 6 D) 8 E) 12



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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2.

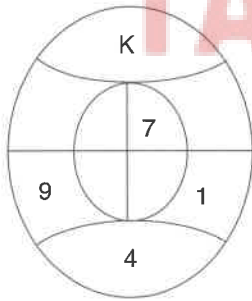


Yukarıda verilen şekle göre $B - A$ kaçtır ?

According to the figure above, what is the value of $B - A$?

- A) 1 B) 2 C) 4 D) 6 E) 8

1.

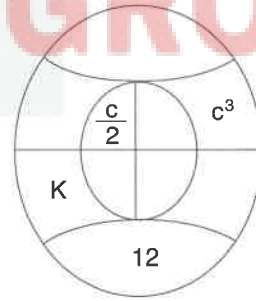


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 1 B) 2 C) 4 D) 5 E) 6

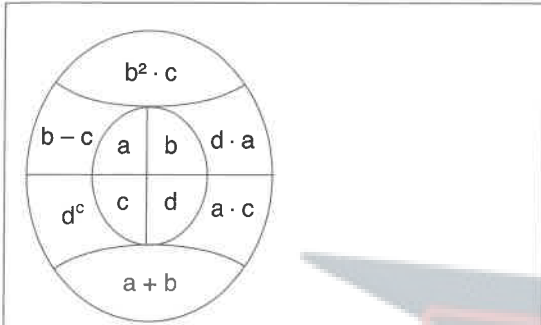
3.



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

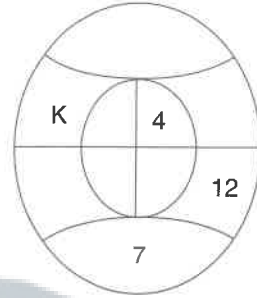
- A) 2 B) 4 C) 9 D) 16 E) 25



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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5.

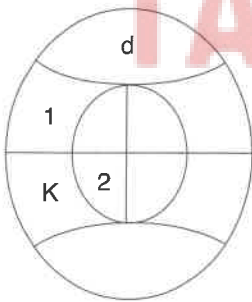


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 0 B) 2 C) 4 D) 6 E) 8

4.

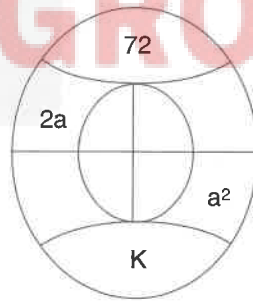


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 4 B) 18 C) 36 D) 144 E) 324

6.

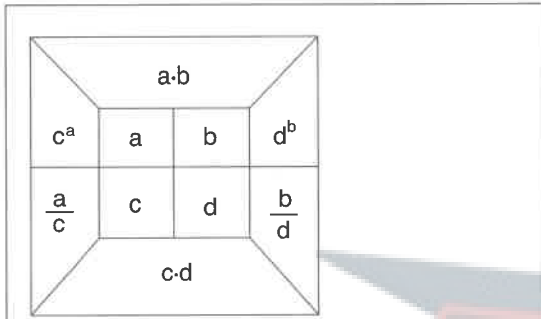


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) -1 B) 0 C) 2 D) 6 E) 8

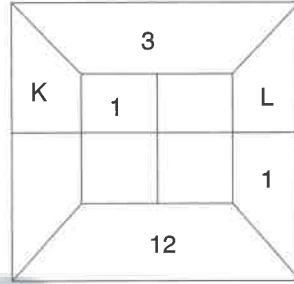
DENKLEM EŞLEŞTİRME



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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2.

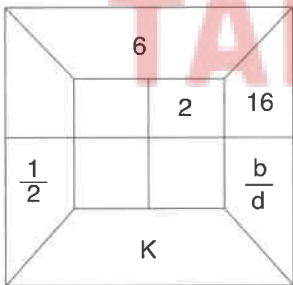


Yukarıda verilen şekle göre K + L kaçtır ?

According to the figure above, what is the value of K + L ?

- A) 24 B) 31 C) 36 D) 40 E) 44

1.

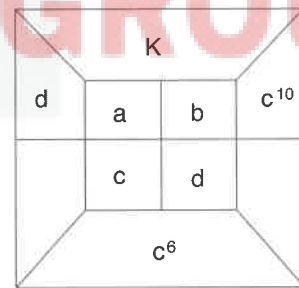


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 6 B) 12 C) 15 D) 18 E) 24

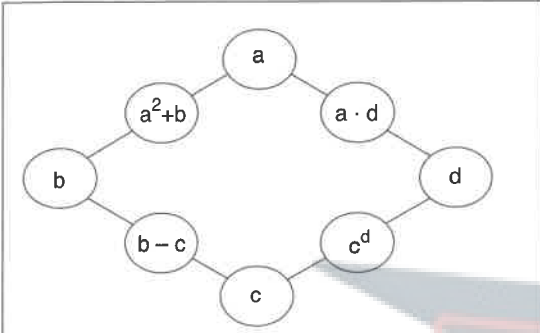
3.



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

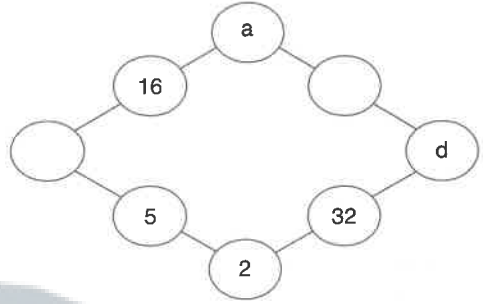
- A) 6 B) 8 C) 10 D) 12 E) 14



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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5.

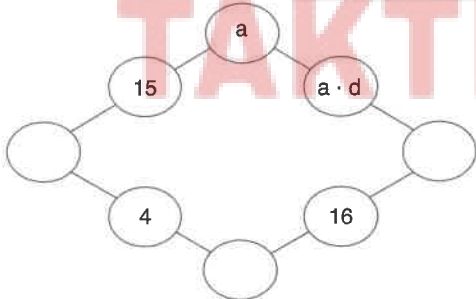


Yukarıda verilen şekle göre a + d kaçtır ?

According to the figure above, what is the value of a + d ?

- A) 7 B) 8 C) 9 D) 10 E) 11

4.

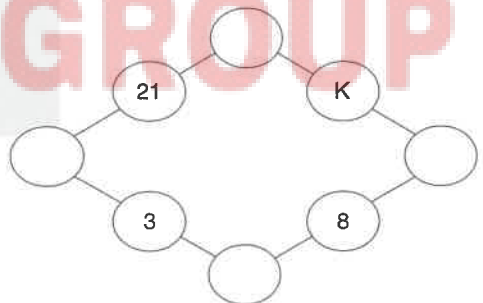


Yukarıda verilen şekle göre a·d kaçtır ?

According to the figure above, what is the value of a·d ?

- A) 7 B) 9 C) 12 D) 14 E) 16

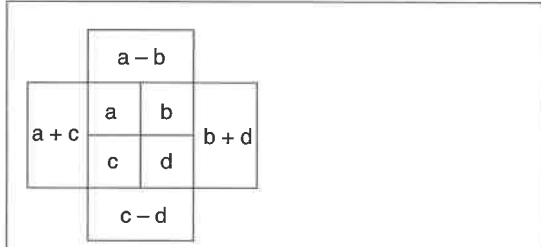
6.



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

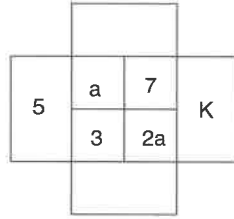
- A) 7 B) 9 C) 12 D) 14 E) 16



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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2.

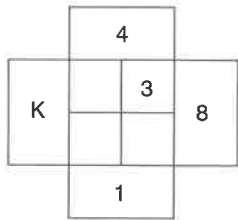


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 10 B) 11 C) 12 D) 13 E) 14

1.

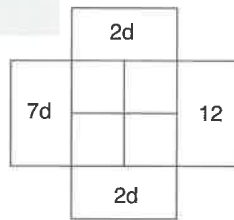


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 5 B) 12 C) 15 D) 13 E) 24

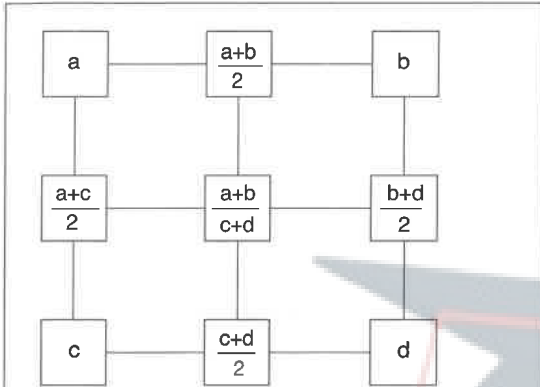
3.



Yukarıda verilen şekle göre d kaçtır ?

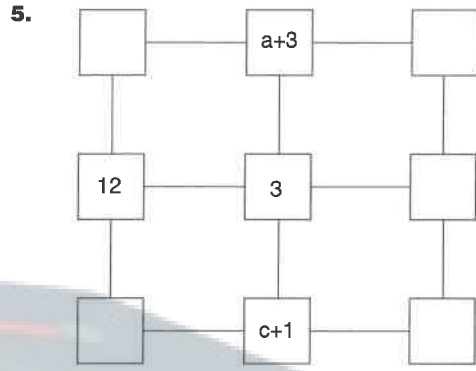
According to the figure above, what is the value of d ?

- A) 2 B) 3 C) 4 D) 5 E) 6



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

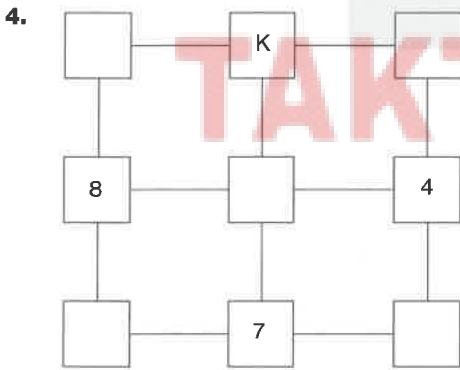
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Yukarıda verilen şekle göre c kaçtır ?

According to the figure above, what is the value of c?

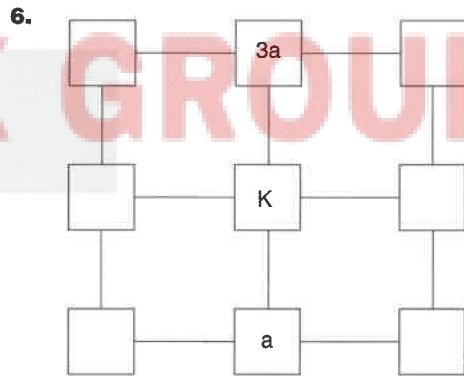
- A) 6 B) 7 C) 8 D) 9 E) 10



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K?

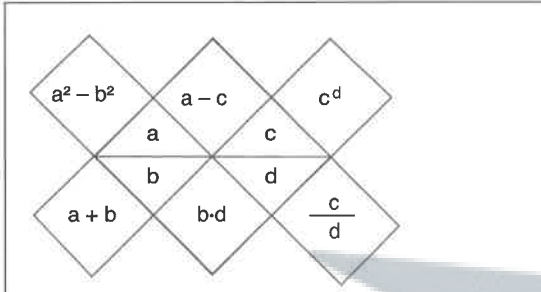
- A) 3 B) 4 C) 5 D) 6 E) 7



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K?

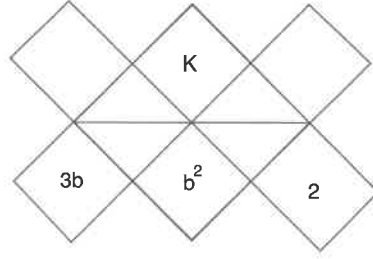
- A) 1 B) 2 C) 3 D) 4 E) 5



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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2.

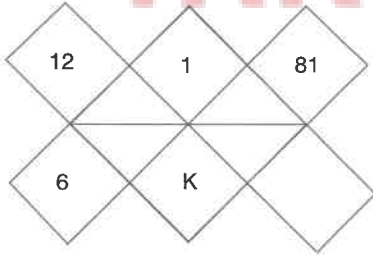


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) -2 B) 0 C) 2 D) 8 E) 12

1.

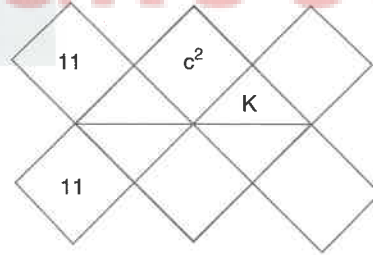


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 2 B) 4 C) 6 D) 8 E) 10

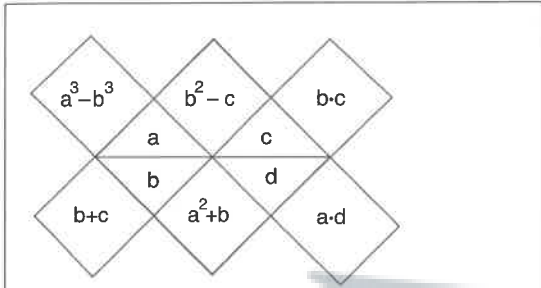
3.



Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

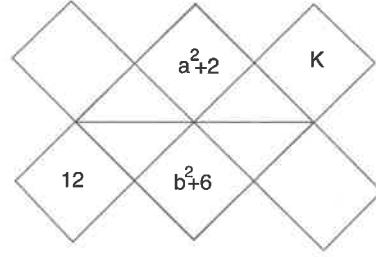
- A) 1 B) 2 C) 3 D) 4 E) 5



Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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5.

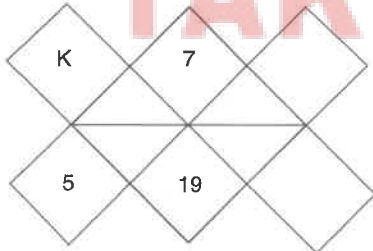


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 8 B) 12 C) 16 D) 20 E) 24

4.

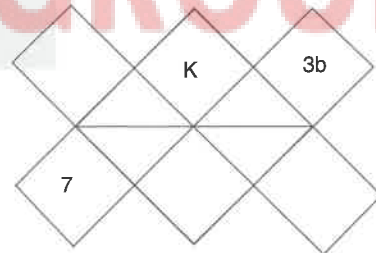


Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 3 B) 15 C) 19 D) 37 E) 61

6.



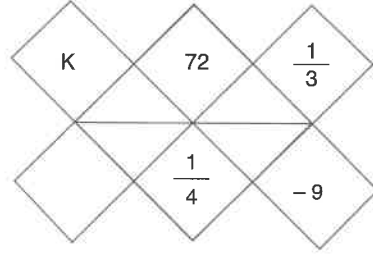
Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K ?

- A) 1 B) 4 C) 7 D) 13 E) 15

Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

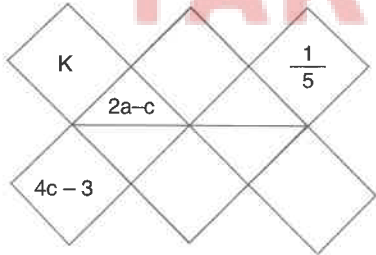
The figure above has been organized according to various operations using four positive integers represented by the letters a, b, c and d. The integers represented by the letters may change from question to question, but the operations to be done remain the same.

2.

Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K?

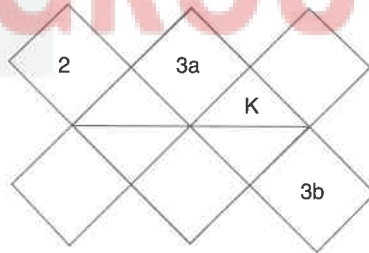
- A) -8 B) -6 C) -4 D) -2 E) -1

1.

Yukarıda verilen şekle göre K kaçtır ?

According to the figure above, what is the value of K?

- A) -12 B) -8 C) -6 D) -5 E) -4

3.

Yukarıda verilen şekle göre K kaçtır ?

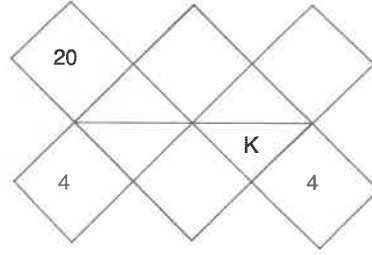
According to the figure above, what is the value of K?

- A) 14 B) 12 C) 10 D) 8 E) 6

Yukarıdaki şekil a, b, c ve d harfleriyle gösterilen dört pozitif tamsayıyı içeren bazı işlemlere göre düzenlenmiştir. Harflerin gösterdiği sayılar her soruda farklı olabilir; fakat, bunlarla yapılacak işlemler her soruda aynıdır.

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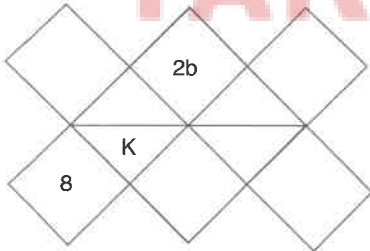
5.



Yukarıda verilen şekle göre K kaçtır ?
According to the figure above, what is the value of K ?

- A) 12 B) 10 C) 8 D) 6 E) 4

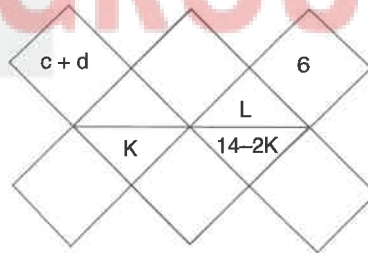
4.



Yukarıda verilen şekle göre K kaçtır ?
According to the figure above, what is the value of K ?

- A) 1 B) 2 C) 3 D) 8 E) 27

6.



Yukarıda verilen şekle göre L kaçtır ?
According to the figure above, what is the value of L ?

- A) 1 B) 2 C) 5 D) 8 E) 10

DENKLEM EŞLEŞTİRME
EQUATION MATCHING

YANIT ANAHTARI | ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8	9
C	D	B	B	C	B	C	C	A

TEST 2

1	2	3	4	5	6	7	8	9
C	A	C	B	C	D	A	E	D

TEST 3

1	2	3	4	5	6	7	8	9
D	B	D	E	A	C	C	B	C

TEST 4

1	2	3	4	5	6			
D	E	B	C	C	E			

TEST 5

1	2	3	4	5	6	7		
D	D	B	E	C	C	B		

TEST 6

1	2	3	4	5	6			
A	B	A	D	C	A			

TEST 7

1	2	3	4	5	6			
D	D	C	C	D	D			

TEST 8

1	2	3	4	5	6			
A	A	D	E	A	E			

TEST 9

1	2	3	4	5	6			
E	B	C	C	B	C			

TEST 10

1	2	3	4	5	6			
D	B	C	C	A	C			

TEST 11

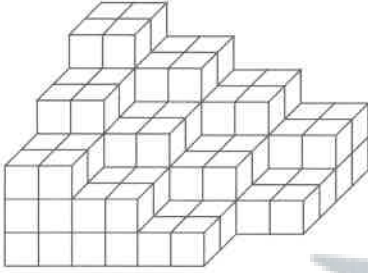
1	2	3	4	5	6			
D	B	A	D	D	D			

TEST 12

1	2	3	4	5	6			
E	C	A	E	E	D			



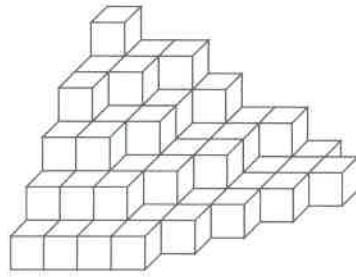
1.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 124 B) 122 C) 120 D) 118 E) 116

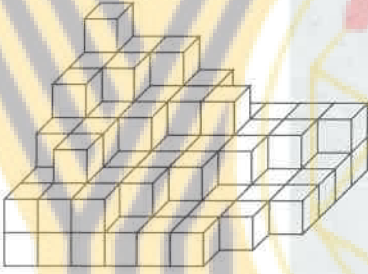
4.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 79 B) 80 C) 81 D) 82 E) 83

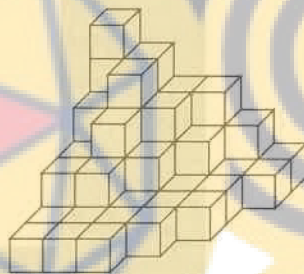
2.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 103 B) 102 C) 101 D) 100 E) 99

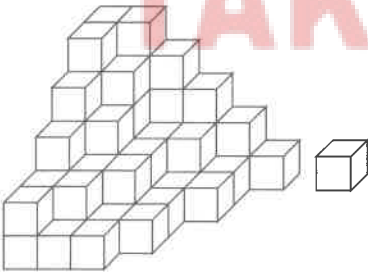
5.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 59 B) 58 C) 57 D) 56 E) 55

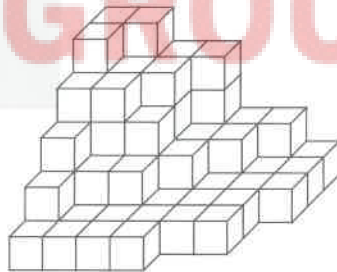
3.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 63 B) 64 C) 65 D) 66 E) 67

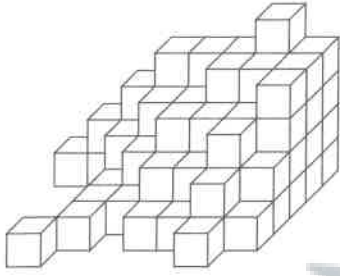
6.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 76 B) 77 C) 78 D) 79 E) 80

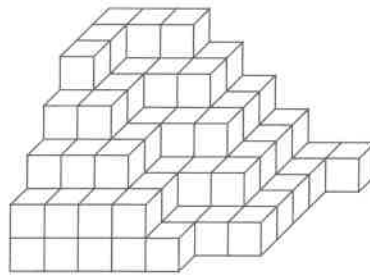
7.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 80 B) 81 C) 82 D) 83 E) 84

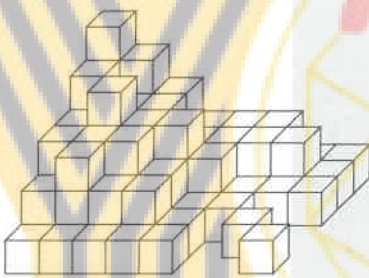
10.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 108 B) 109 C) 110 D) 111 E) 112

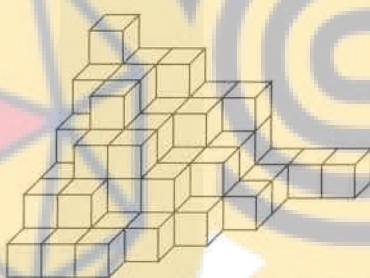
8.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 84 B) 85 C) 86 D) 87 E) 88

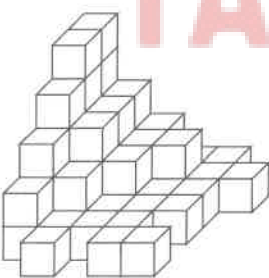
11.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 78 B) 77 C) 76 D) 75 E) 74

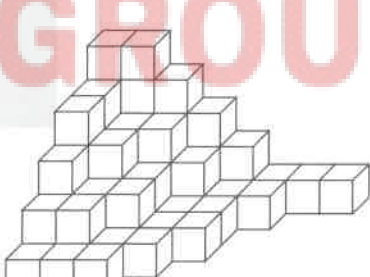
9.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 53 B) 54 C) 55 D) 56 E) 57

12.

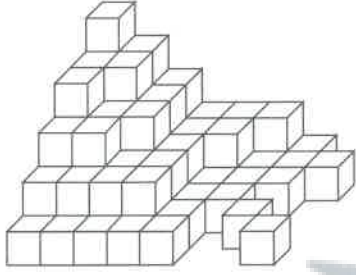


Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 65 B) 67 C) 68 D) 70 E) 71

TAKTİK GROUP

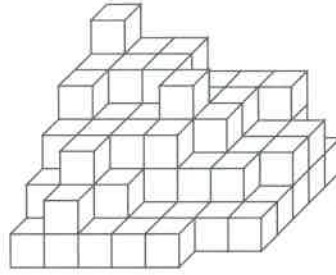
1.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 77 B) 78 C) 79 D) 80 E) 81

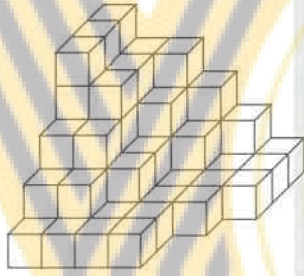
4.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 100 B) 101 C) 102 D) 103 E) 104

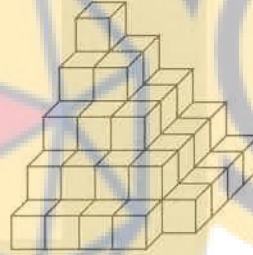
2.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 68 B) 69 C) 70 D) 71 E) 72

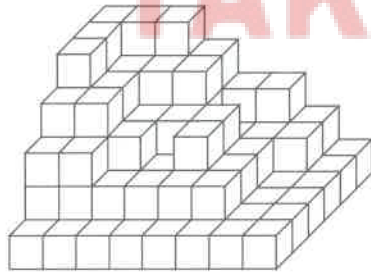
5.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 58 B) 57 C) 56 D) 55 E) 54

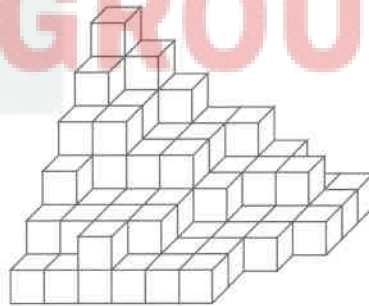
3.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 116 B) 117 C) 118 D) 119 E) 120

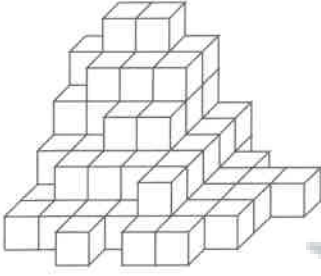
6.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 93 B) 94 C) 95 D) 96 E) 97

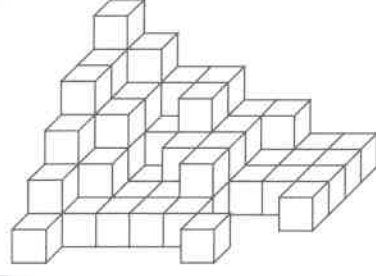
7.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 75 B) 74 C) 73 D) 72 E) 71

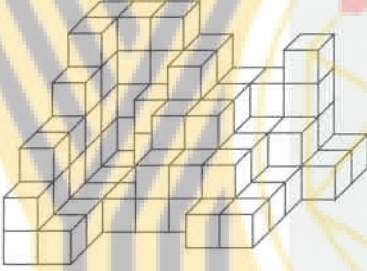
10.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 69 B) 70 C) 71 D) 72 E) 73

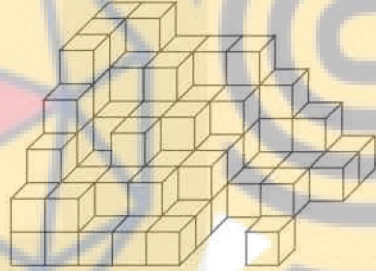
8.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 83 B) 84 C) 85 D) 86 E) 87

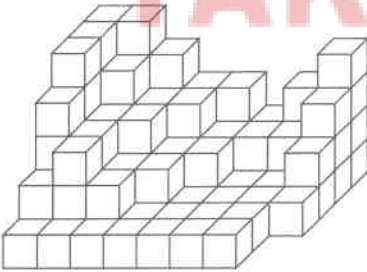
11.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 98 B) 99 C) 100 D) 101 E) 102

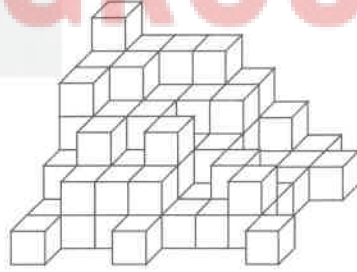
9.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 108 B) 107 C) 106 D) 105 E) 104

12.



Yukarıdaki şekilde kaç küp vardır?
How many cubes are there given figure above?

- A) 82 B) 83 C) 84 D) 85 E) 86

TAKTİK GROUP

KÜP SAYMA
CUBE COUNTING

YANIT ANAHTARI | **ANSWER KEY**

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12
C	D	B	A	E	D	C	D	A	D	E	A

TEST 2

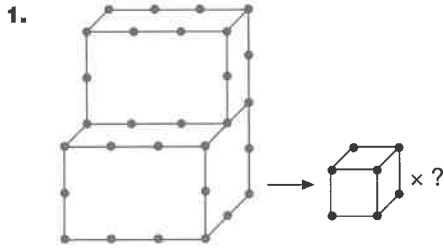
1	2	3	4	5	6	7	8	9	10	11	12
D	B	C	A	E	C	A	E	D	C	B	D

TAKTİK GROUP

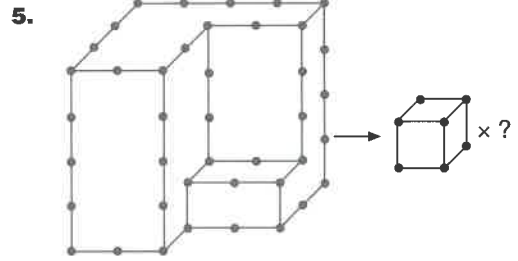


KÜP SAYMA

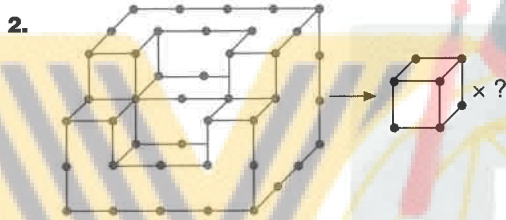
TEST 1



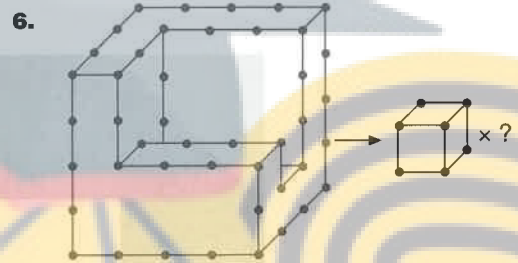
- A) 16 B) 17 C) 18 D) 19 E) 20



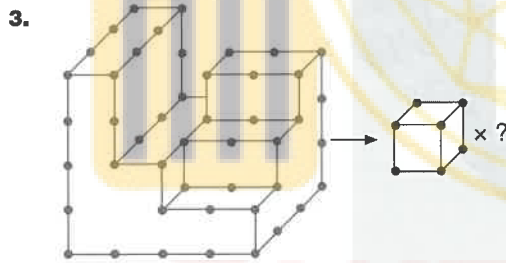
- A) 34 B) 33 C) 32 D) 31 E) 30



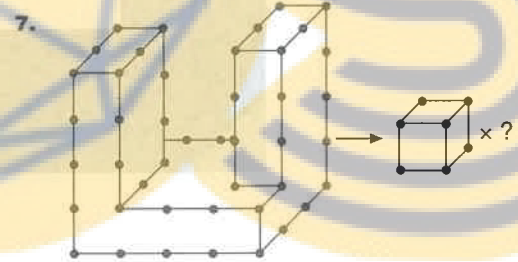
- A) 22 B) 24 C) 26 D) 28 E) 30



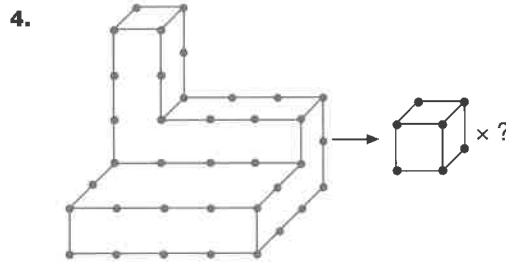
- A) 30 B) 31 C) 32 D) 33 E) 34



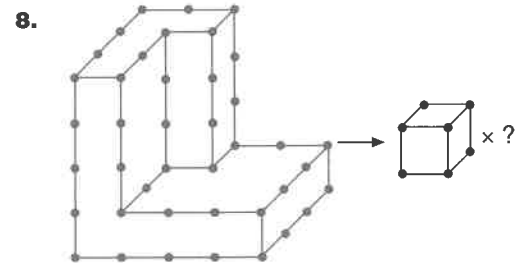
- A) 27 B) 28 C) 29 D) 30 E) 31



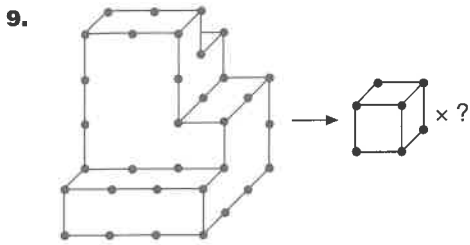
- A) 26 B) 25 C) 24 D) 23 E) 22



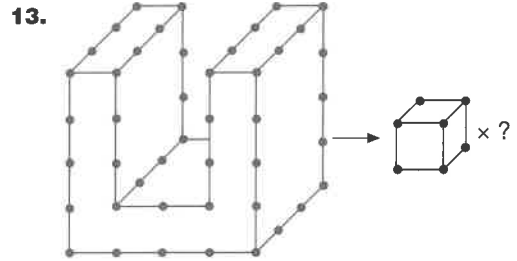
- A) 17 B) 18 C) 19 D) 20 E) 21



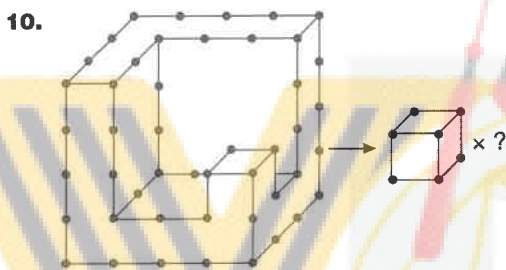
- A) 27 B) 26 C) 25 D) 24 E) 23



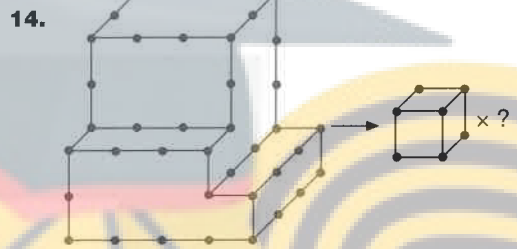
- A) 16 B) 17 C) 19 D) 21 E) 22



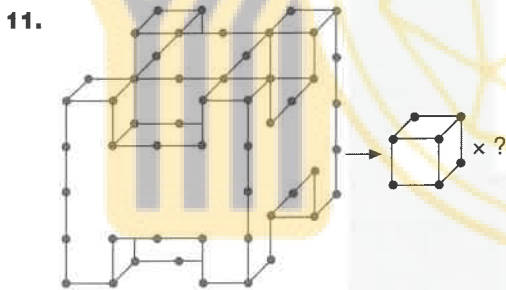
- A) 28 B) 29 C) 30 D) 31 E) 32



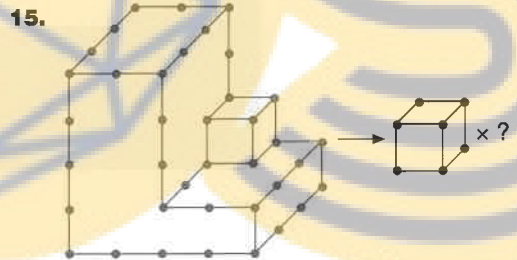
- A) 30 B) 31 C) 32 D) 33 E) 34



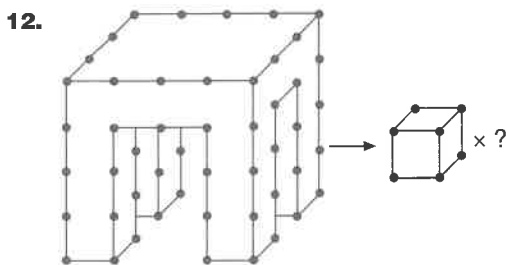
- A) 33 B) 34 C) 35 D) 36 E) 37



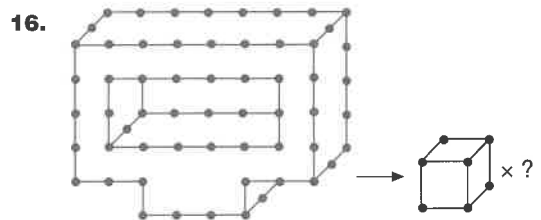
- A) 38 B) 40 C) 42 D) 44 E) 46



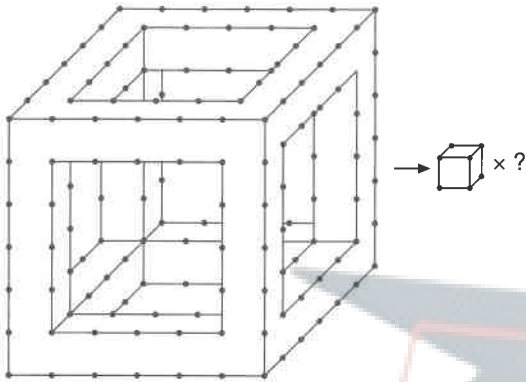
- A) 30 B) 31 C) 32 D) 33 E) 34

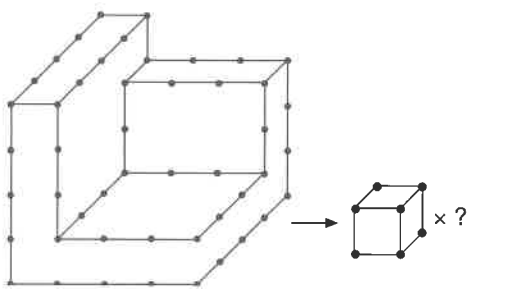


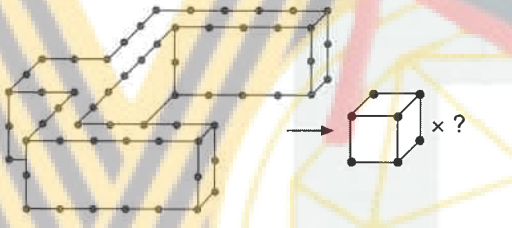
- A) 26 B) 25 C) 24 D) 23 E) 22

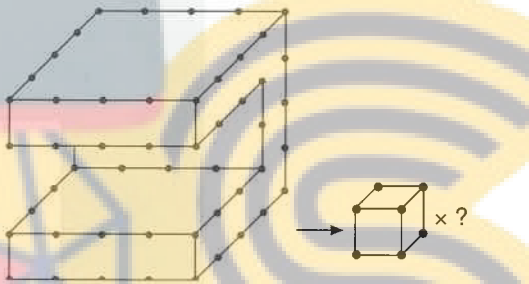


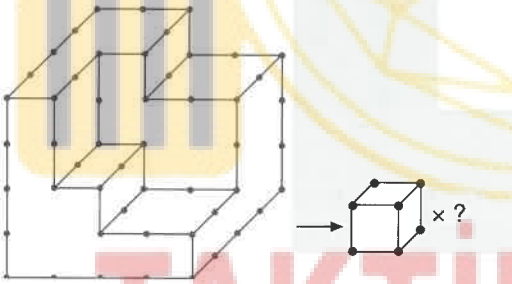
- A) 38 B) 40 C) 42 D) 44 E) 46

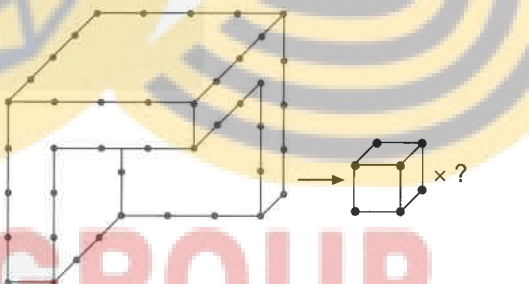
1. 
A) 48 B) 50 C) 52 D) 54 E) 56

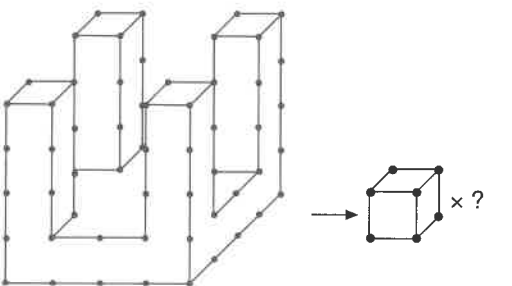
5. 
A) 31 B) 32 C) 33 D) 34 E) 35

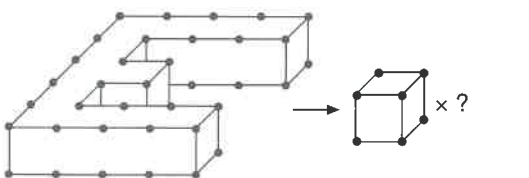
2. 
A) 38 B) 39 C) 40 D) 41 E) 42

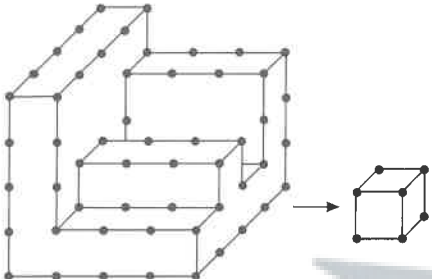
6. 
A) 41 B) 40 C) 39 D) 38 E) 37

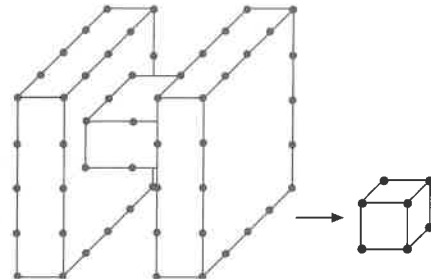
3. 
A) 47 B) 46 C) 45 D) 44 E) 43

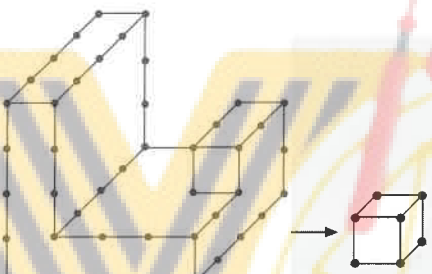
7. 
A) 37 B) 38 C) 39 D) 40 E) 41

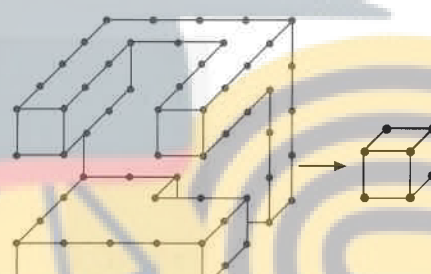
4. 
A) 26 B) 27 C) 28 D) 29 E) 30

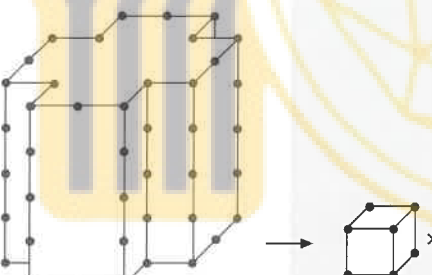
8. 
A) 16 B) 15 C) 14 D) 13 E) 12

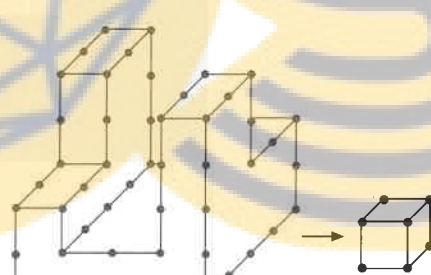
9.  → $\times ?$
A) 38 B) 37 C) 36 D) 35 E) 34

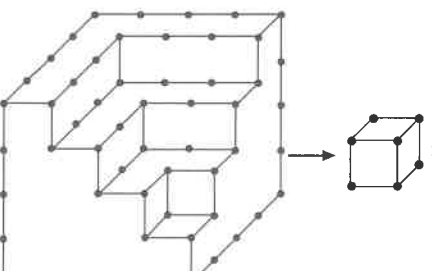
13.  → $\times ?$
A) 38 B) 37 C) 36 D) 35 E) 34

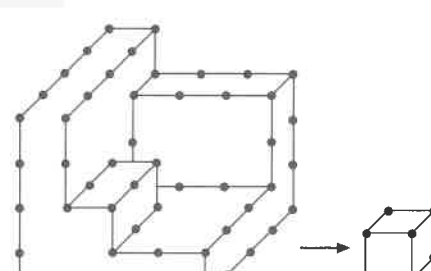
10.  → $\times ?$
A) 30 B) 31 C) 32 D) 33 E) 34

14.  → $\times ?$
A) 30 B) 31 C) 32 D) 33 E) 34

11.  → $\times ?$
A) 36 B) 40 C) 44 D) 48 E) 60

15.  → $\times ?$
A) 30 B) 31 C) 32 D) 33 E) 34

12.  → $\times ?$
A) 50 B) 51 C) 52 D) 53 E) 54

16.  → $\times ?$
A) 40 B) 39 C) 38 D) 37 E) 36

NOKTALI KÜP SAYMA
DOTTED CUBE COUNTING

YANIT ANAHTARI | ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	D	D	B	A	D	C	D	D	B	B	C	C	A	B	C

TEST 2

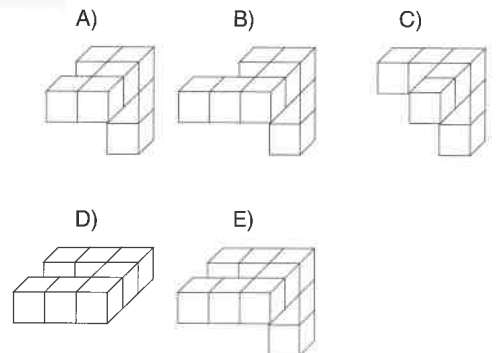
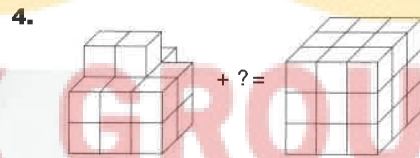
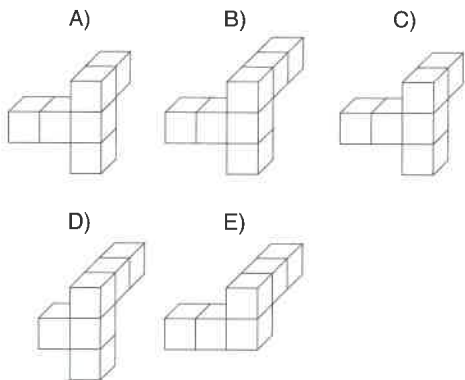
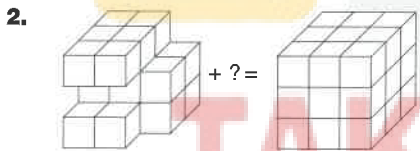
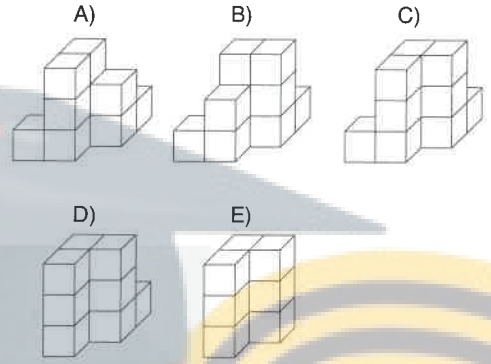
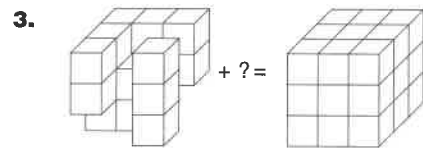
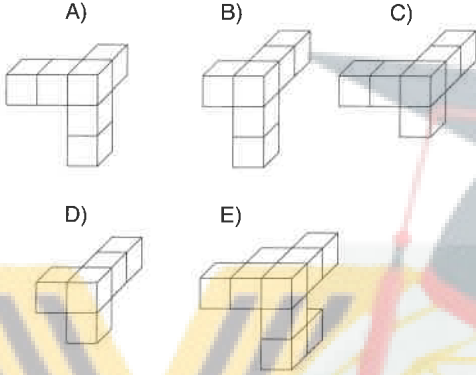
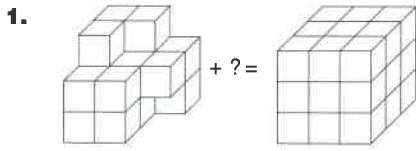
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E	C	D	C	D	B	A	E	B	A	D	A	C	C	C	E

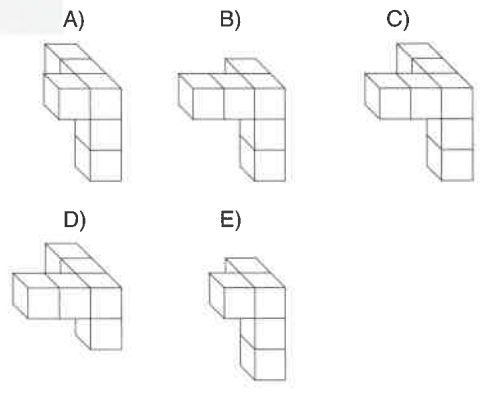
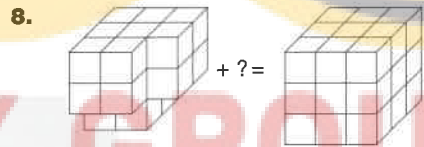
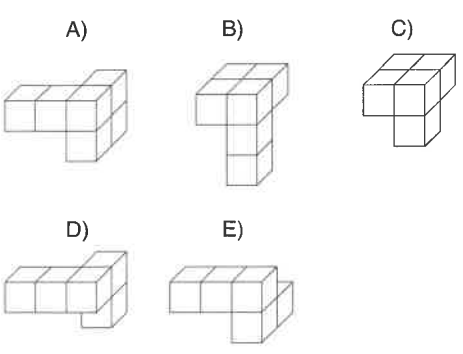
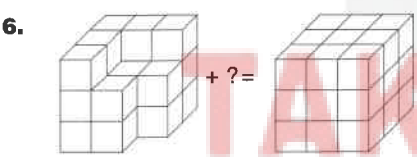
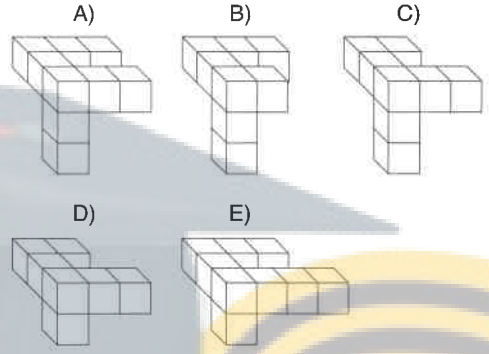
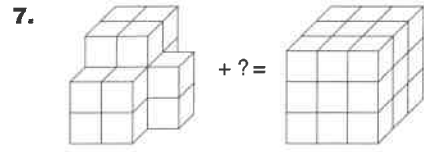
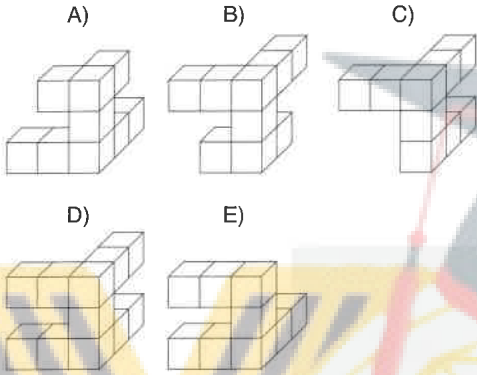
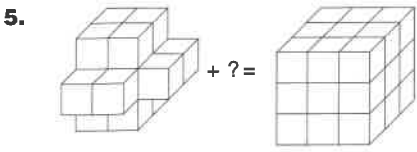
TAKTİK GROUP

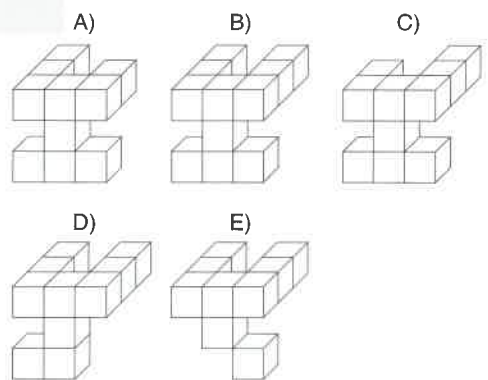
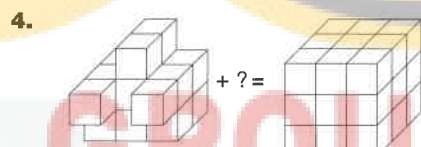
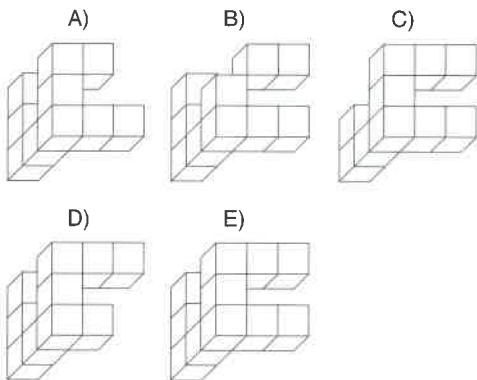
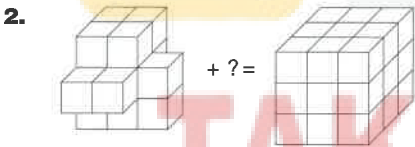
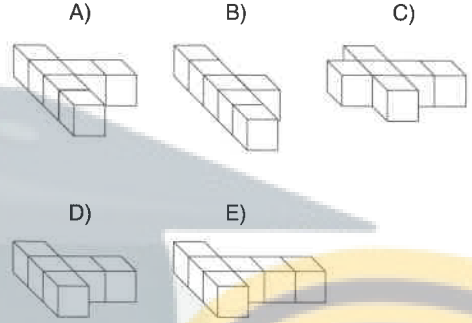
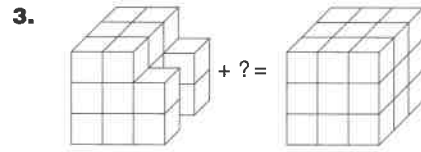
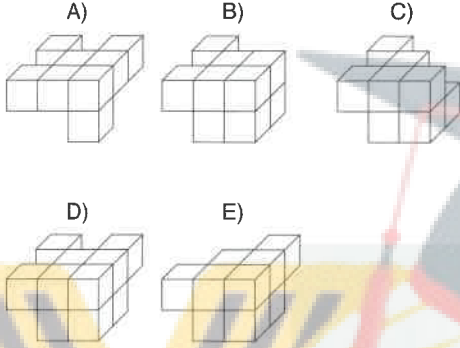
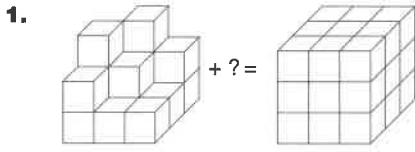


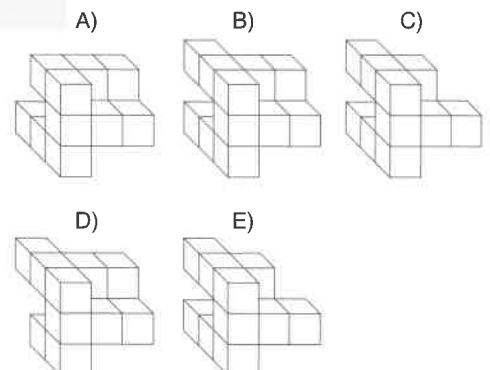
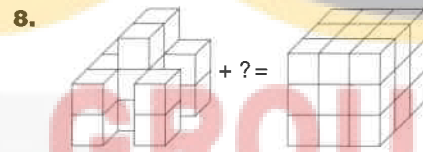
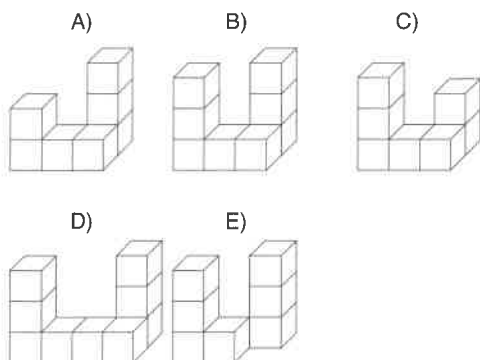
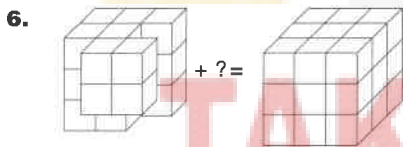
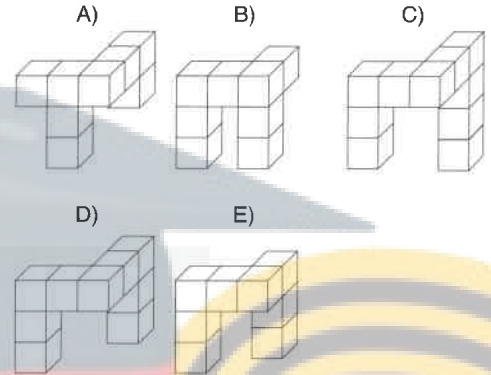
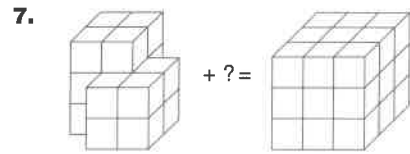
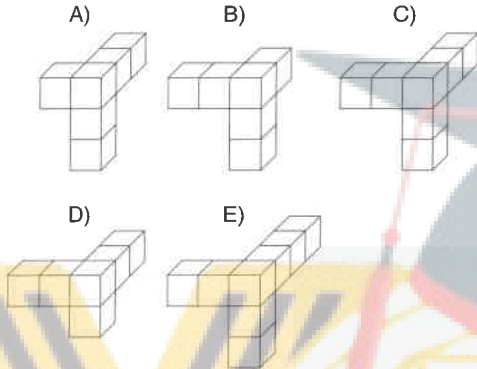
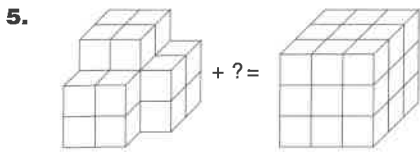
KÜP TAMAMLAMA
CUBE COMPLETION

TAKTİK GROUP









KÜP TAMAMLAMA
CUBE COMPLETION

YANIT ANAHTARI | **ANSWER KEY**

TEST 1

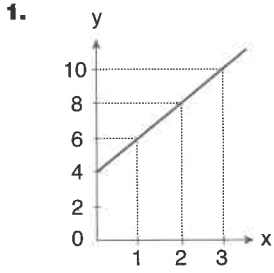
1	2	3	4	5	6	7	8
E	B	C	E	D	B	A	C

TEST 2

1	2	3	4	5	6	7	8
D	E	D	B	C	B	D	B

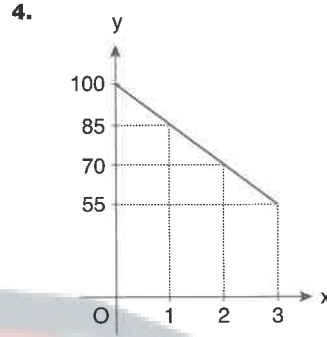
TAKTİK GROUP





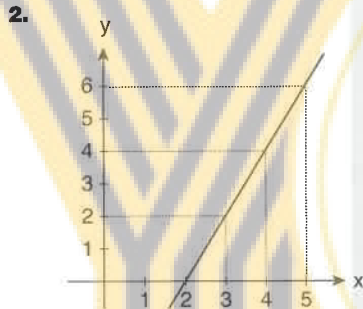
$x = 50$
 $\Rightarrow y = ?$

- A) 100 B) 102 C) 104 D) 106 E) 108



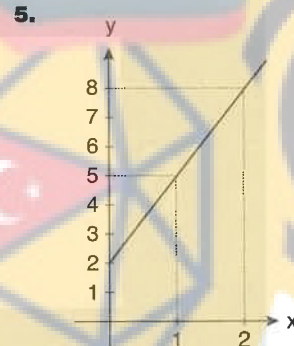
$x = 10$
 $\Rightarrow y = ?$

- A) -80 B) -65 C) -50 D) -35 E) -20



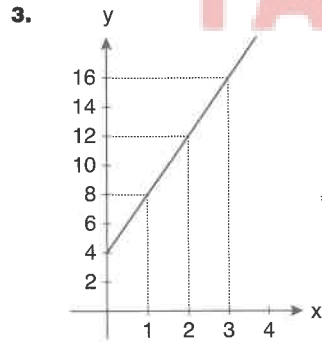
$x = 40$
 $\Rightarrow y = ?$

- A) 84 B) 82 C) 80 D) 76 E) 72



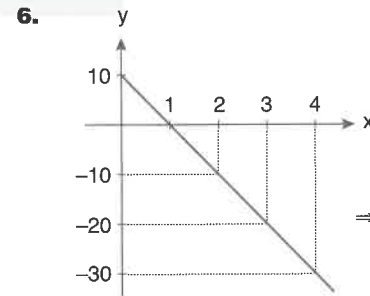
$y = 32$
 $\Rightarrow x = ?$

- A) 11 B) 10 C) 9 D) 8 E) 7



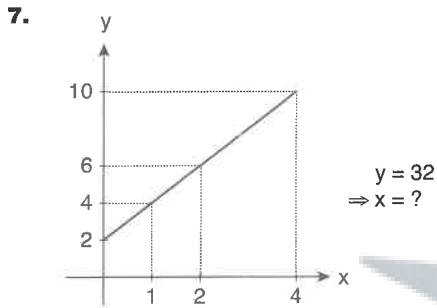
$x = 32$
 $\Rightarrow y = ?$

- A) 128 B) 130 C) 132 D) 134 E) 136

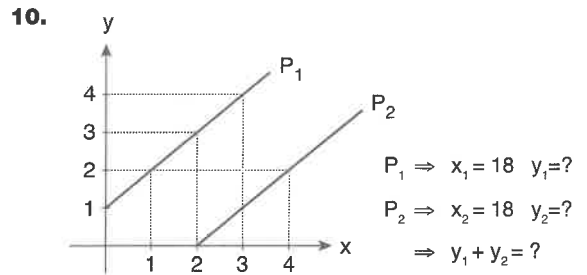


$x = 12$
 $\Rightarrow y = ?$

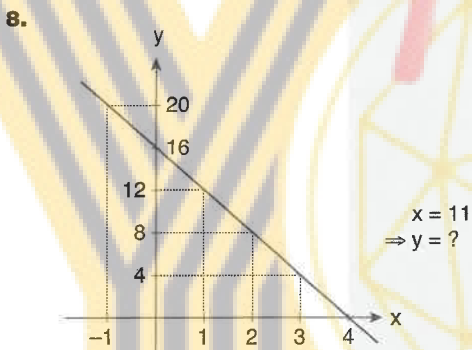
- A) -120 B) -110 C) -100 D) -90 E) -80



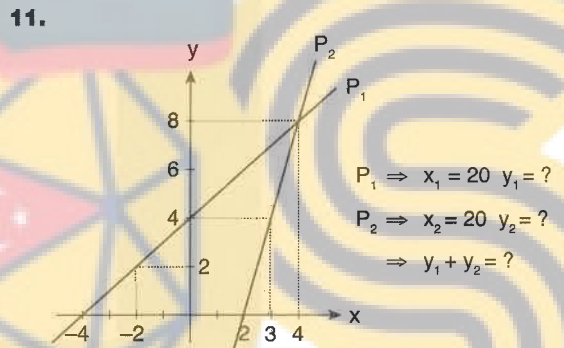
- A) 15 B) 16 C) 17 D) 18 E) 19



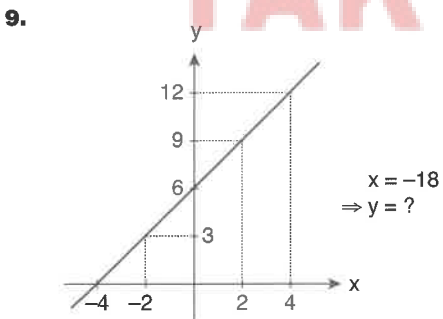
- A) 36 B) 35 C) 34 D) 33 E) 32



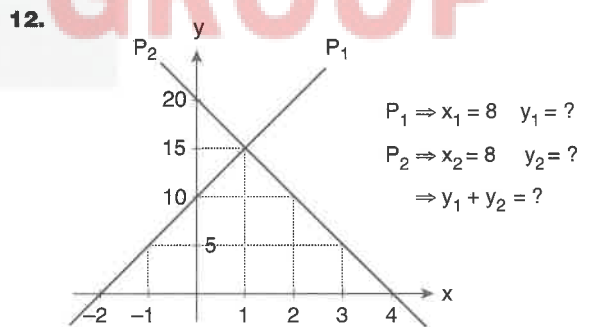
- A) -32 B) -28 C) -26 D) -24 E) -22



- A) 102 B) 96 C) 92 D) 88 E) 80

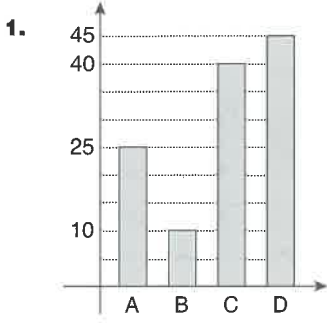


- A) -24 B) -23 C) -21 D) -18 E) -15



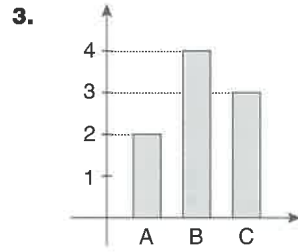
- A) 50 B) 40 C) 30 D) 20 E) 110

TAKTİK GROUP



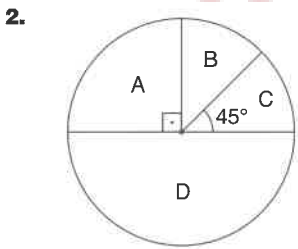
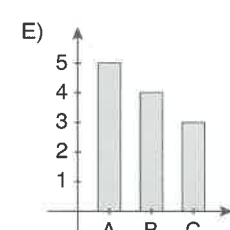
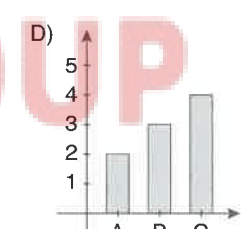
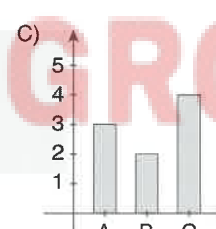
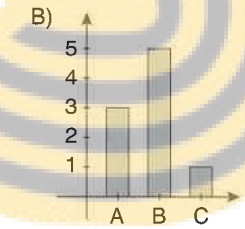
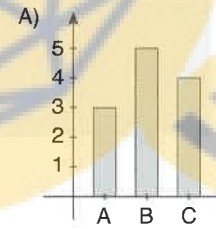
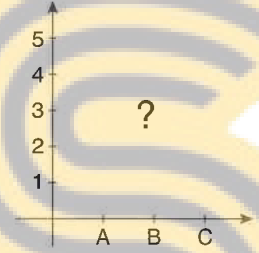
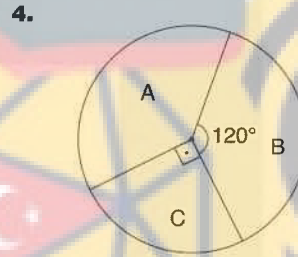
$\Rightarrow x = ?$

- A) 50 B) 45 C) 40 D) 35 E) 30



$\Rightarrow x = ?$

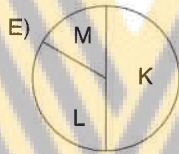
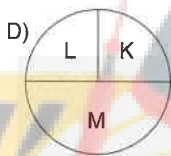
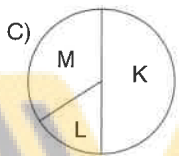
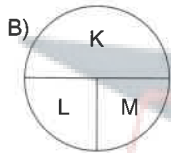
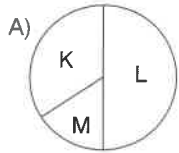
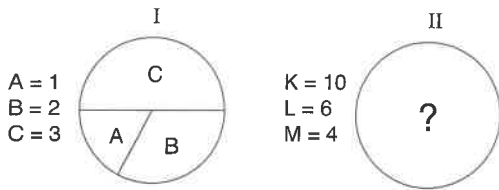
- A) 80 B) 100 C) 120 D) 150 E) 160



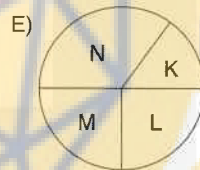
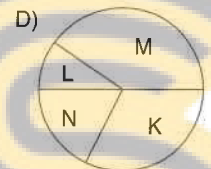
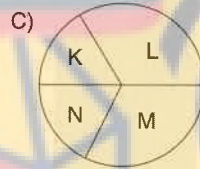
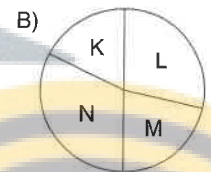
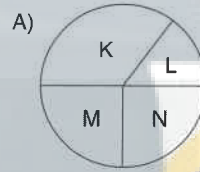
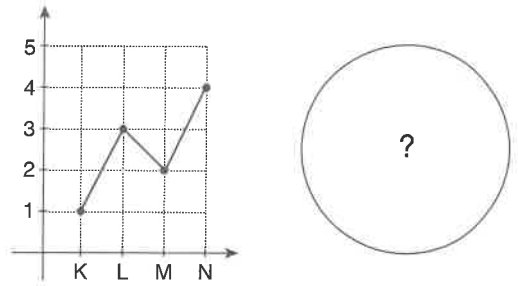
A : B : C : D = ?

- A) 4 : 1 : 1 : 8 B) 2 : 1 : 1 : 4
C) 2 : 1 : 2 : 4 D) 4 : 2 : 2 : 1
E) 2 : 1 : 1 : 6

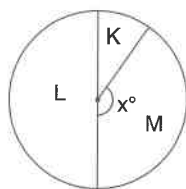
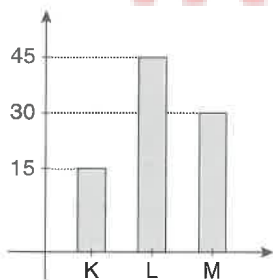
5.



7.



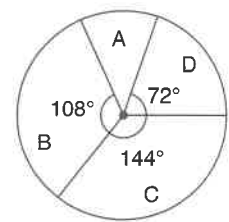
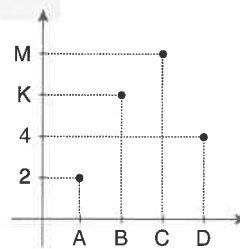
6.



$\Rightarrow x = ?$

- A) 150 B) 120 C) 110 D) 100 E) 90

8.

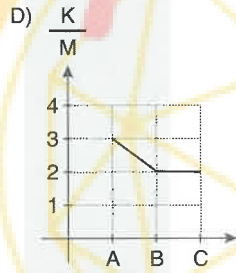
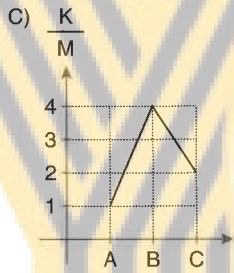
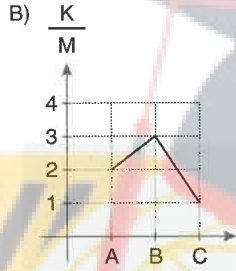
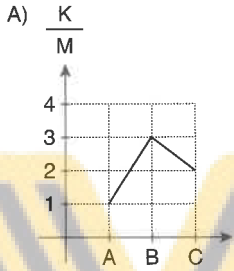
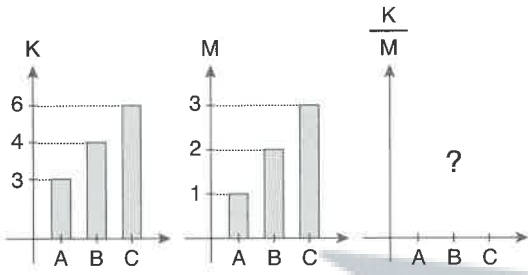


$\Rightarrow M + K = ?$

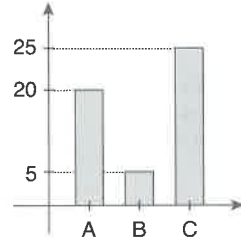
- A) 14 B) 16 C) 18 D) 20 E) 22

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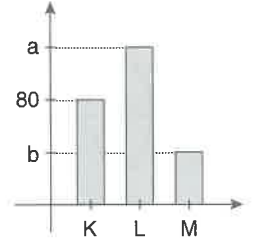
1.



3.



A = % 40
 B = % 10
 C = % 50

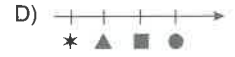
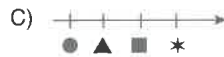
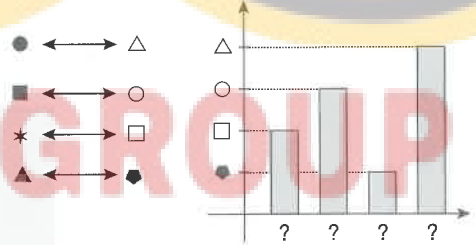


K = % 40
 M = % 10
 L = % 50

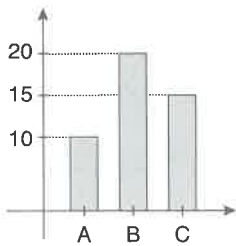
⇒ a = ?
 ⇒ b = ?

	a	b
A)	100	30
B)	120	40
C)	100	20
D)	120	30
E)	100	50

4.



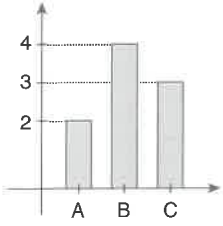
2.



A + B + C = 180
 ⇒ B + C = ?

- A) 140 B) 120 C) 100 D) 90 E) 80

5.



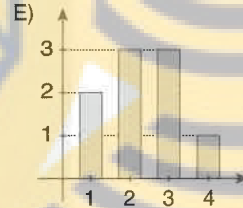
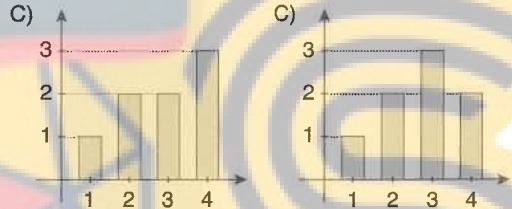
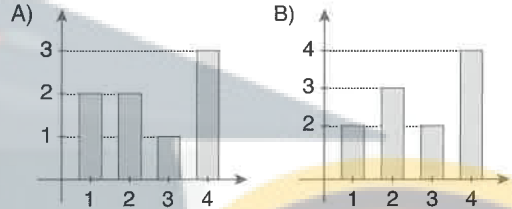
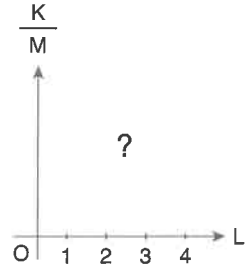
$$A + B - C = 18$$

$$\Rightarrow C = ?$$

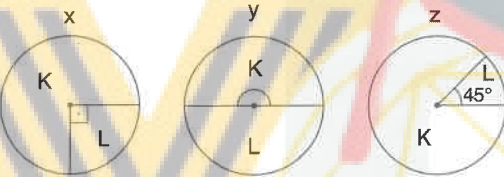
- A) 12 B) 15 C) 18 D) 21 E) 24

7.

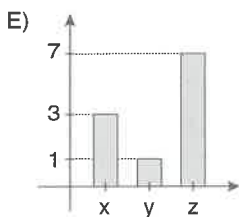
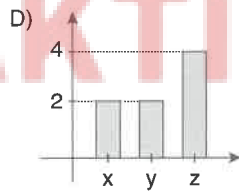
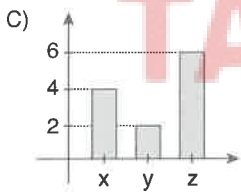
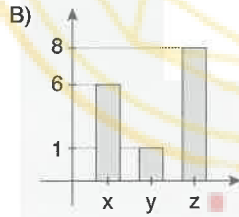
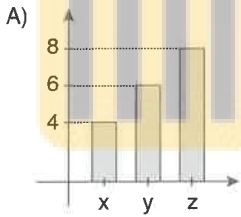
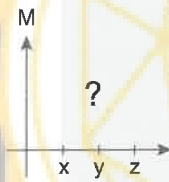
L	K	M
1	8	4
2	4	2
3	4	4
4	3	1



6.

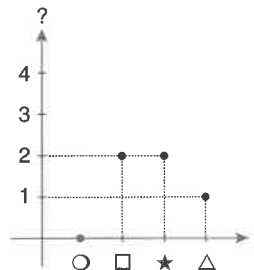


$$M = \frac{K}{L}$$

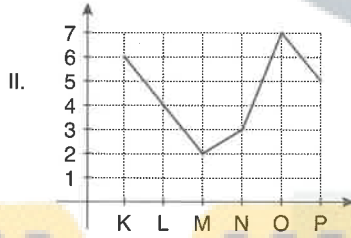
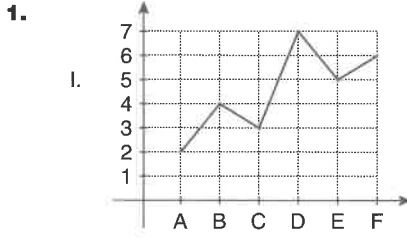


8.

L	K	M	N	P
★	○	△	△	△
△	△	★	★	★
□	★	○	△	★
□	○	□	△	○
★	○	△	□	○



- A) K B) L C) M D) N E) P

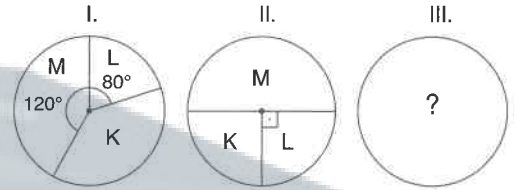


⇒ E = ?

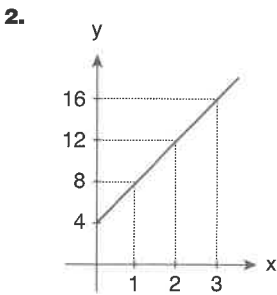
- A) K B) L C) M D) P E) O

3.

	K	L	M
I	4	2	3
II	2	2	4
III	3	6	9

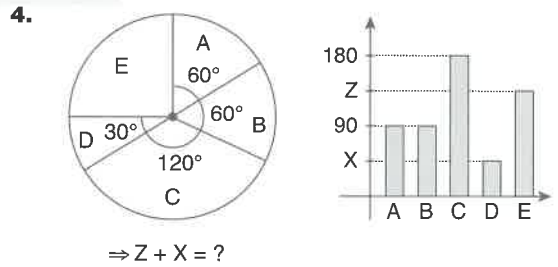


- A)
- B)
- C)
- D)
- E)



$x = -12$
 $\Rightarrow y = ?$

- A) -48 B) -46 C) -44 D) -40 E) -36

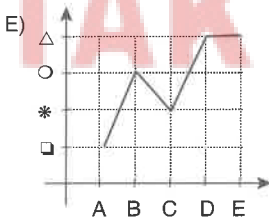
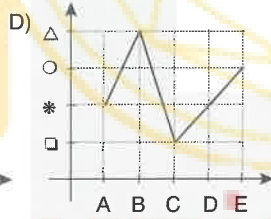
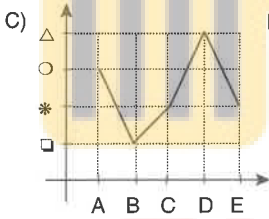
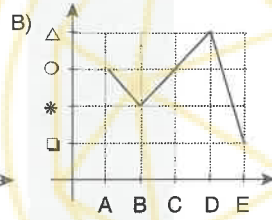
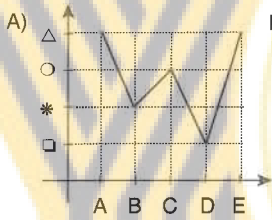
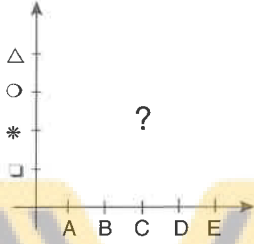


⇒ Z + X = ?

- A) 150 B) 180 C) 240 D) 300 E) 360

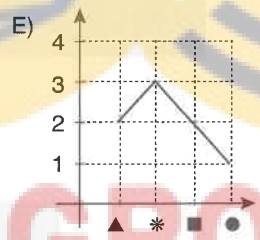
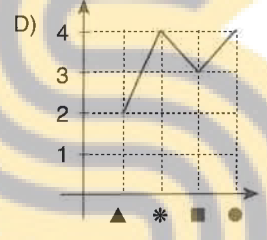
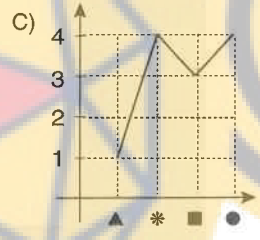
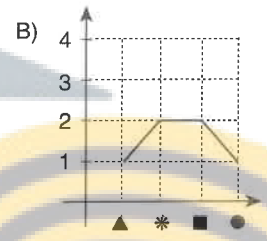
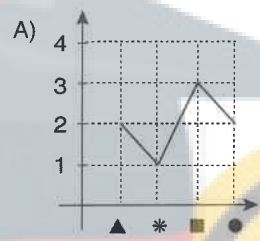
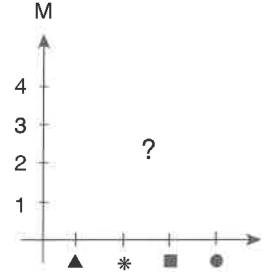
5.

	A	B	C	D	E
△				✓	✓
○		✓			
*			✓		
□	✓				

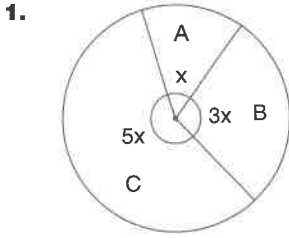


6.

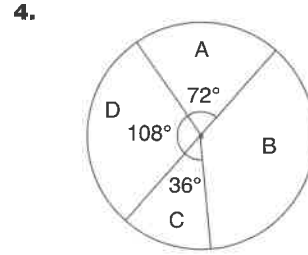
	▲	●	*	■
K	3	4	1	2
L	1	1	2	3
M	2	1	3	2
N	4	1	2	3



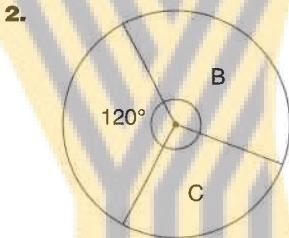
TAKTIK GROUP



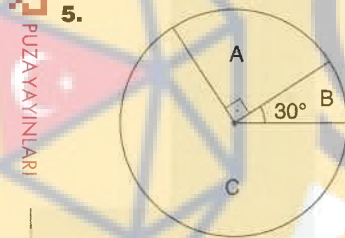
- A) 150 B) 130 C) 120 D) 100 E) 90



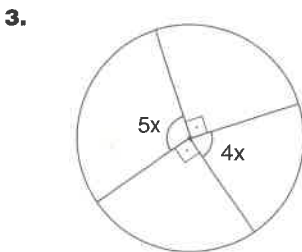
- A) 9 B) 10 C) 12 D) 16 E) 18



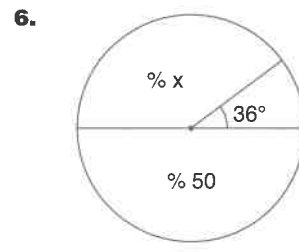
- A) 80 B) 90 C) 100 D) 120 E) 140



- A) 96 B) 84 C) 72 D) 54 E) 48

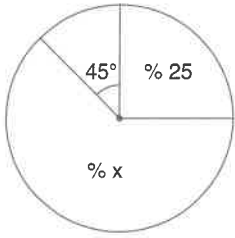


- A) 10 B) 20 C) 30 D) 40 E) 50



- A) 45 B) 40 C) 35 D) 30 E) 25

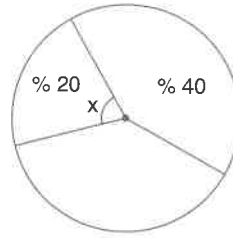
7.



$\Rightarrow x = ?$

- A) 50 B) 60 C) 62,5 D) 67,5 E) 70

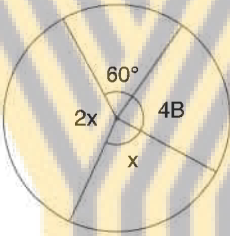
10.



$\Rightarrow x = ?$

- A) 36 B) 54 C) 72 D) 108 E) 144

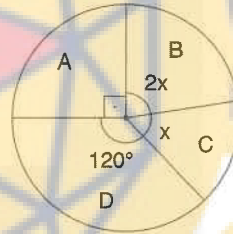
8.



$x = 2B$
 $\Rightarrow x = ?$

- A) 20 B) 30 C) 35 D) 60 E) 70

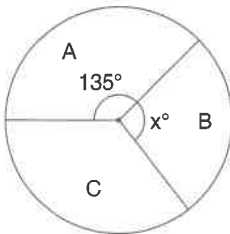
11.



$D = 12$
 $\Rightarrow B - C = ?$

- A) 3 B) 5 C) 6 D) 12 E) 18

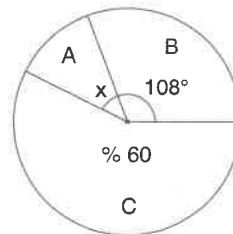
9.



$2C = 3B$
 $\Rightarrow x = ?$

- A) 45 B) 60 C) 90 D) 120 E) 135

12.



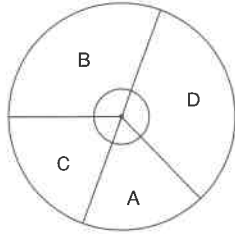
$\Rightarrow x = ?$

- A) 18 B) 36 C) 48 D) 72 E) 108

TAKTİK GROUP

1.

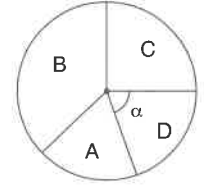
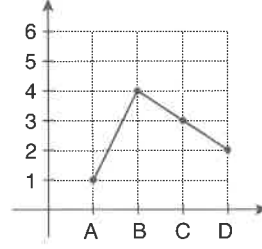
A	B	C	D
2	3	1	3



$\Rightarrow 2A + D = ?$

- A) 320 B) 300 C) 280 D) 240 E) 200

4.

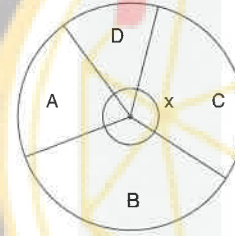


$\Rightarrow \alpha = ?$

- A) 36 B) 72 C) 108 D) 144 E) 150

2.

A	B	C	D
2	4	5	1



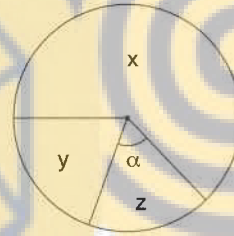
$\Rightarrow x = ?$

- A) 150 B) 130 C) 120 D) 90 E) 80

5.

PUZAYANLARI

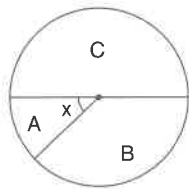
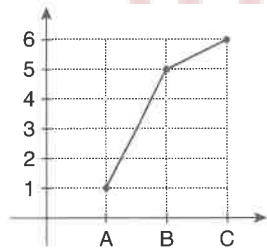
$x = 3y$
 $y = 2z$



$\Rightarrow \alpha = ?$

- A) 20 B) 100 C) 40 D) 45 E) 60

3.

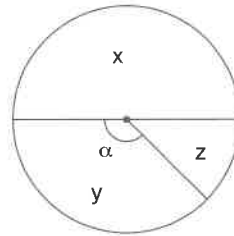


$\Rightarrow x = ?$

- A) 20 B) 25 C) 30 D) 45 E) 60

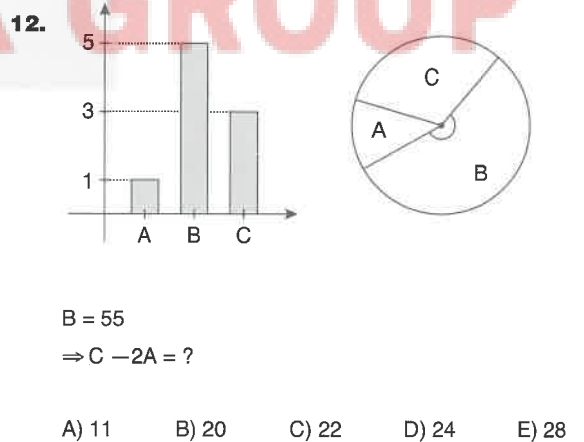
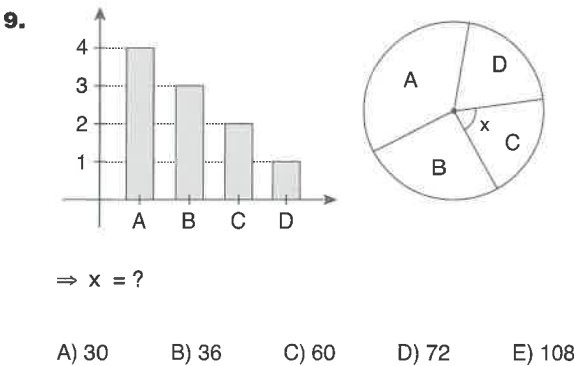
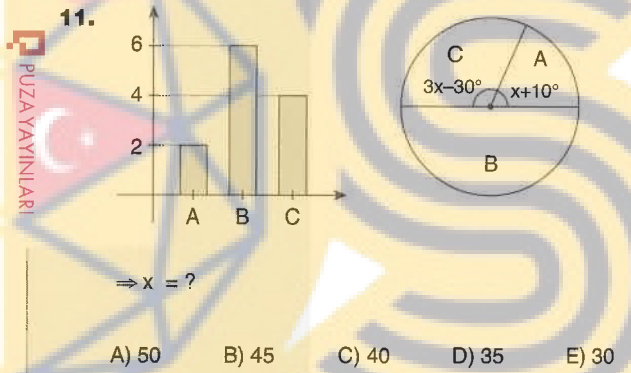
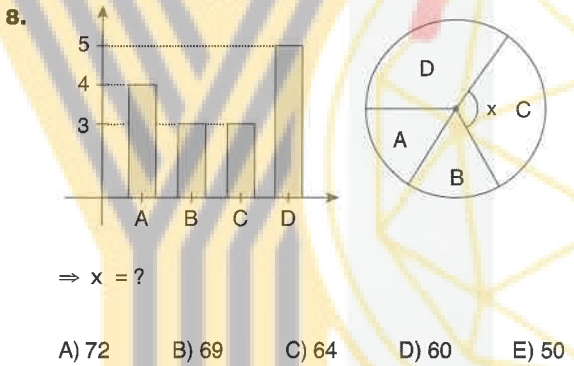
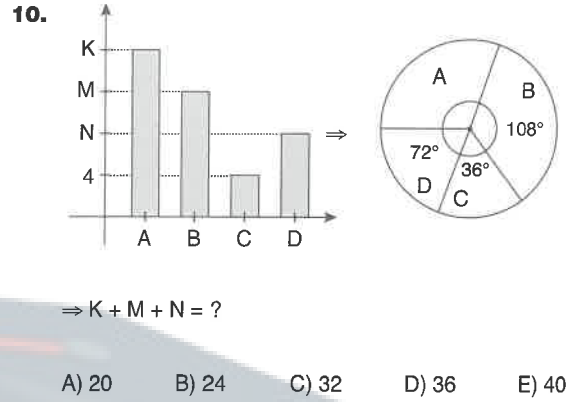
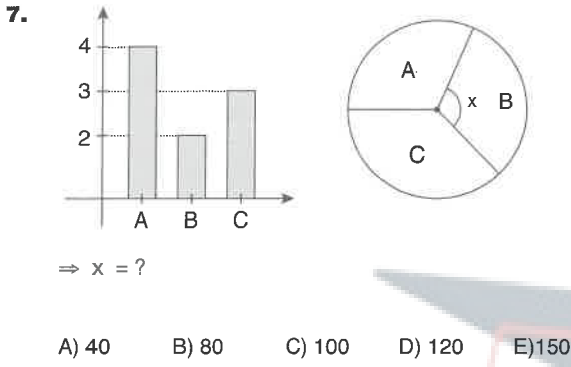
6.

$2x = 3y$
 $x = 3z$

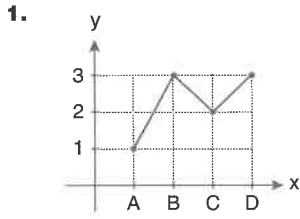


$\Rightarrow \alpha = ?$

- A) 90 B) 100 C) 120 D) 135 E) 150

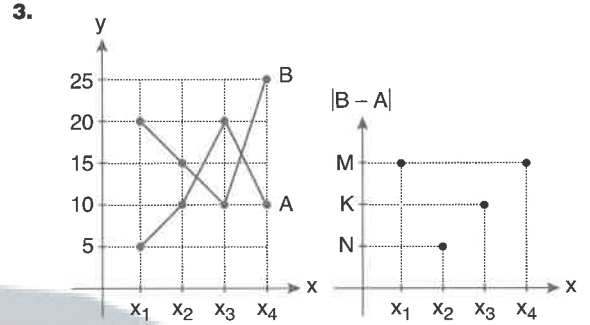


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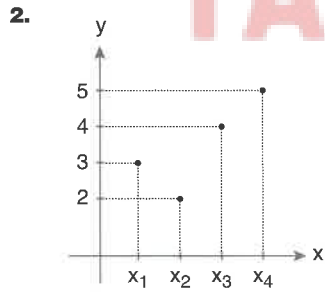
$\Rightarrow (A + B) \cdot (C - 2D) = ?$

- A) -16 B) -12 C) -8 D) -4 E) 4



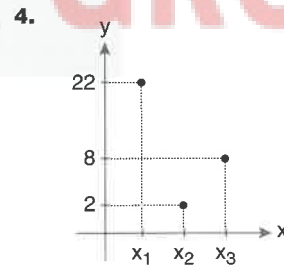
$\Rightarrow K + M + N = ?$

- A) 20 B) 30 C) 40 D) 50 E) 60



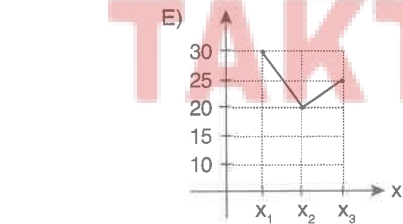
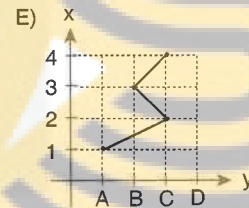
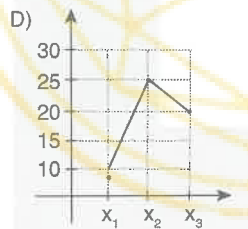
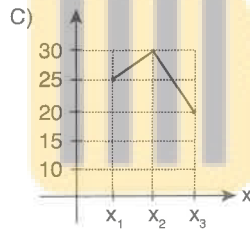
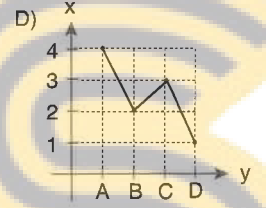
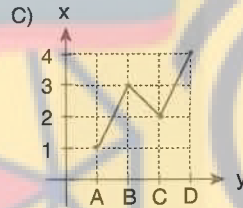
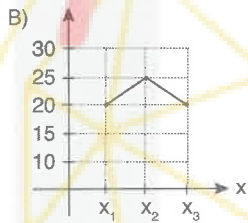
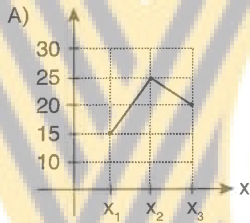
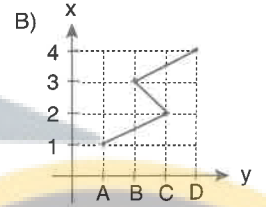
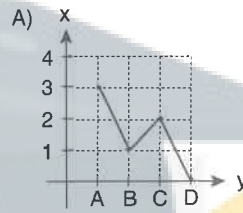
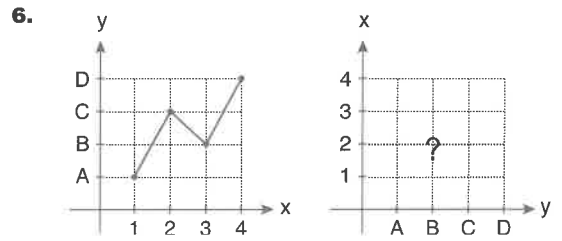
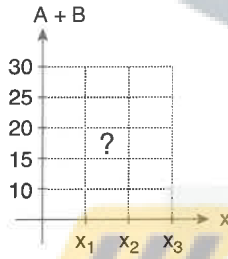
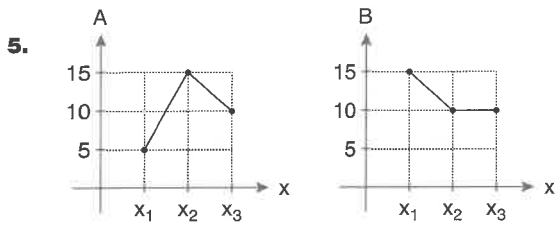
$\Rightarrow (x_1 - x_4) \cdot (x_2 + x_3) = ?$

- A) -24 B) -12 C) 12 D) 16 E) 24

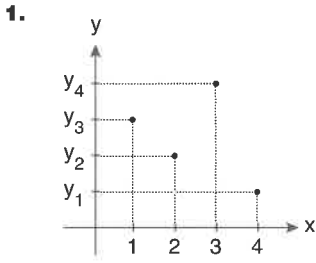


$\Rightarrow (2x_2 - x_1) + 5x_3 = ?$

- A) 22 B) 20 C) 15 D) 12 E) 10



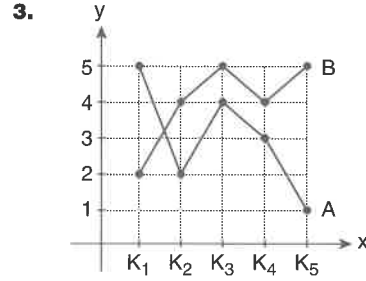
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$$y_1 + y_2 + y_3 + y_4 = 200$$

$$\Rightarrow y_1 + y_4 = ?$$

- A) 150 B) 140 C) 120 D) 100 E) 80



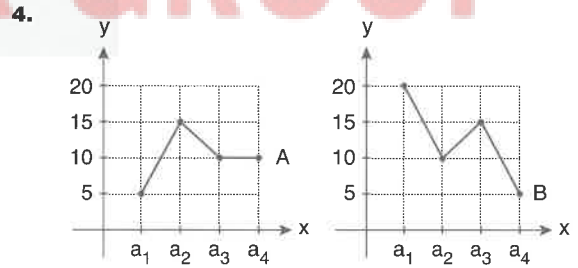
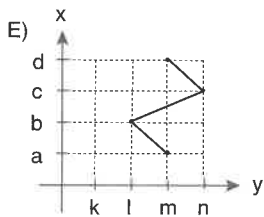
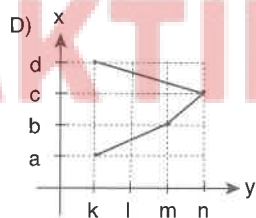
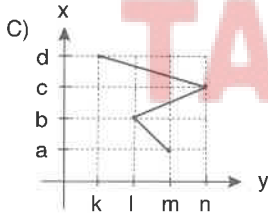
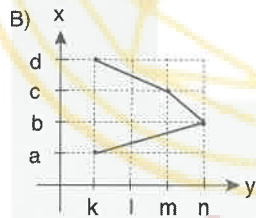
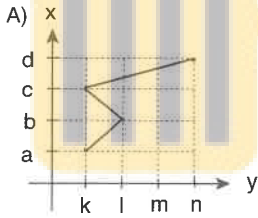
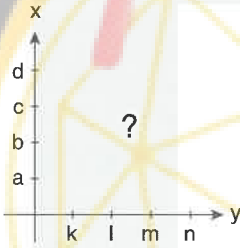
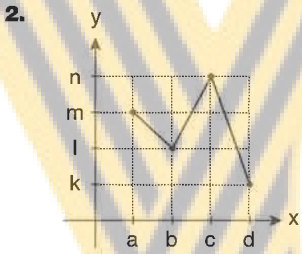
$$BK_3 - AK_3 = L$$

$$BK_2 / AK_2 = M$$

$$BK_1 + AK_1 = N$$

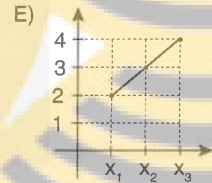
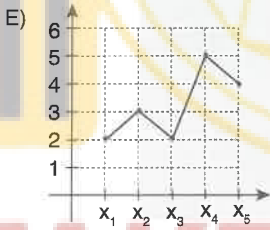
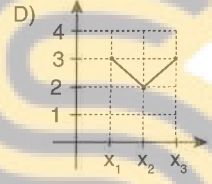
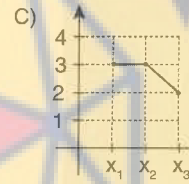
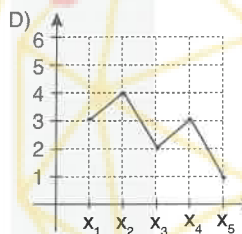
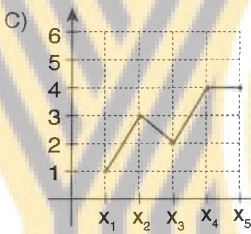
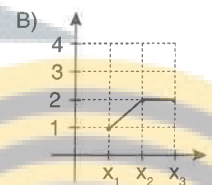
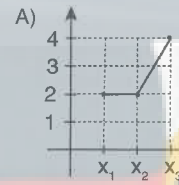
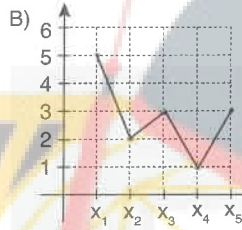
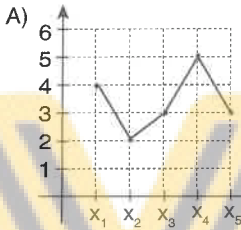
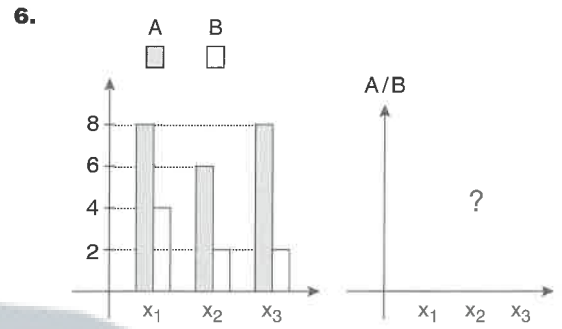
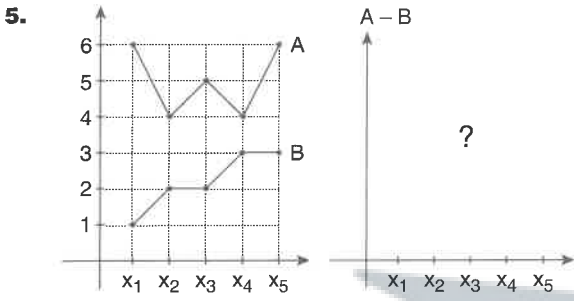
$$\Rightarrow L + M - N = ?$$

- A) 10 B) 8 C) 7 D) 6 E) -4

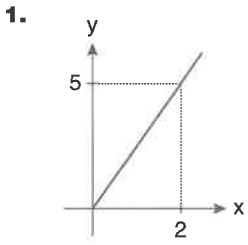


$$\Rightarrow Aa_1 + Ba_4 - Ba_3 + Aa_2 = ?$$

- A) -10 B) -5 C) 0 D) 5 E) 10

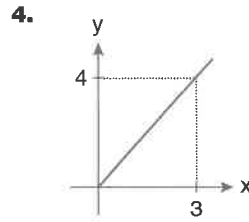


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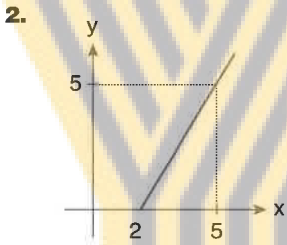


$$x = 12 \\ \Rightarrow y = ?$$

- A) 72 B) 60 C) 50 D) 48 E) 30 A) 36 B) 34 C) 30 D) 28 E) 24

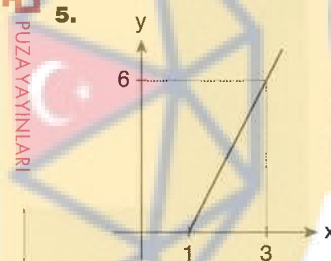


$$y = 48 \\ \Rightarrow x = ?$$

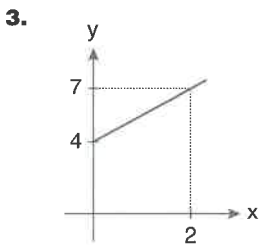


$$x = 29 \\ \Rightarrow y = ?$$

- A) 45 B) 52 C) 54 D) 56 E) 57 A) 7 B) 8 C) 9 D) 10 E) 11

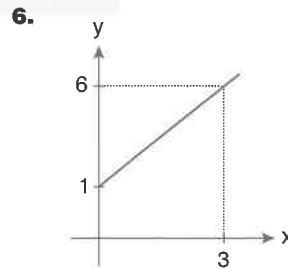


$$y = 18 \\ \Rightarrow x = ?$$



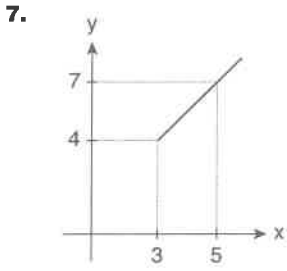
$$x = 14 \\ \Rightarrow y = ?$$

- A) 21 B) 24 C) 25 D) 27 E) 30



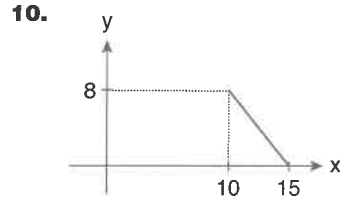
$$y = 36 \\ \Rightarrow x = ?$$

- A) 17 B) 18 C) 19 D) 20 E) 21



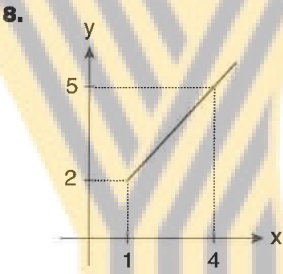
$x = 11$
 $\Rightarrow y = ?$

- A) 14 B) 15 C) 16 D) 17 E) 18



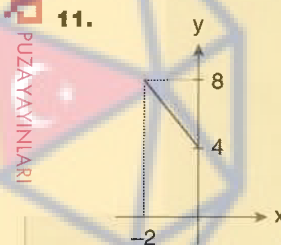
$x = 40$
 $\Rightarrow y = ?$

- A) -45 B) -40 C) -35 D) -30 E) -25



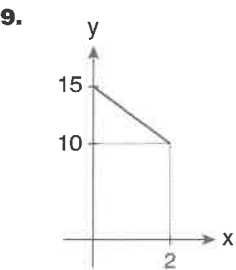
$x = 15$
 $\Rightarrow y = ?$

- A) 18 B) 17 C) 16 D) 15 E) 14



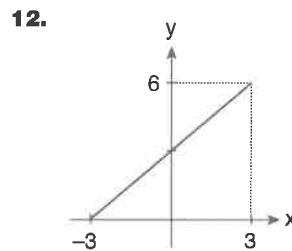
$y = -40$
 $\Rightarrow x = ?$

- A) 22 B) 20 C) 16 D) 14 E) 12



$x = 24$
 $\Rightarrow y = ?$

- A) -60 B) -50 C) -45 D) -40 E) -35



$x = 24$
 $\Rightarrow y = ?$

- A) 30 B) 27 C) 24 D) 21 E) 18

TAKTİK GROUP

GRAFİKLER
GRAPHS

YANIT ANAHTARI | **ANSWER KEY**

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12
C	D	C	C	B	B	A	B	C	B	B	C

TEST 2

1	2	3	4	5	6	7	8				
E	B	A	E	E	B	B	A				

TEST 3

1	2	3	4	5	6	7	8				
D	A	C	B	C	E	A	B				

TEST 4

1	2	3	4	5	6						
D	C	C	B	E	E						

TEST 5

1	2	3	4	5	6	7	8	9	10	11	12
C	C	B	E	A	B	C	D	C	C	B	B

TEST 6

1	2	3	4	5	6	7	8	9	10	11	12
C	A	C	B	C	C	B	A	D	D	A	A

TEST 7

1	2	3	4	5	6						
A	B	B	A	B	B						

TEST 8

1	2	3	4	5	6						
B	C	E	E	B	E						

TEST 9

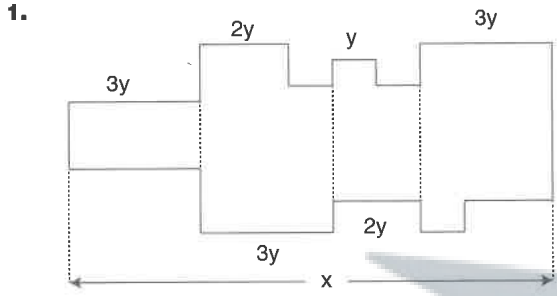
1	2	3	4	5	6	7	8	9	10	11	12
E	A	C	A	A	E	C	C	C	B	A	B

TAKTİK GROUP



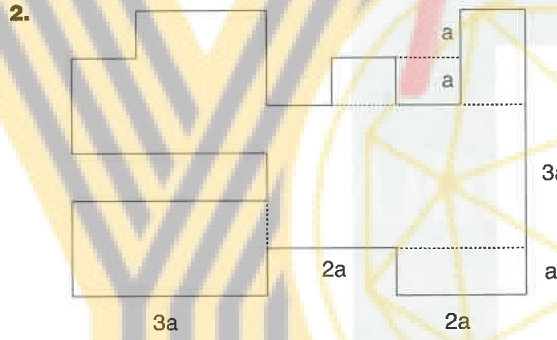
ÇEVRE-ALAN BULMA
FINDING PERIMETER-AREA

TAKTIK GROUP



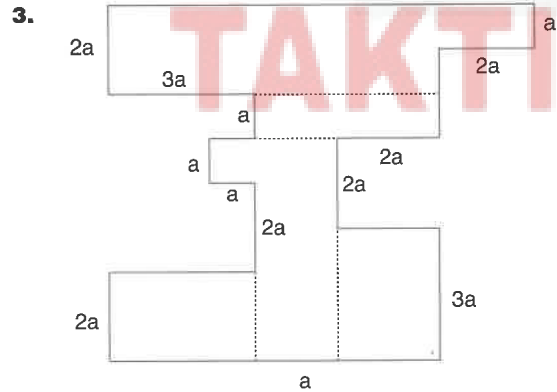
$\Rightarrow x = ? y$

- A) 13 B) 12 C) 11 D) 10 E) 9



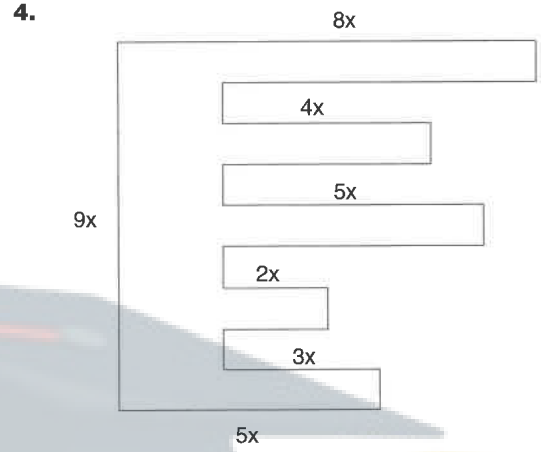
$\Rightarrow \text{Çevre (perimeter)} = ? a$

- A) 41 B) 40 C) 39 D) 38 E) 37



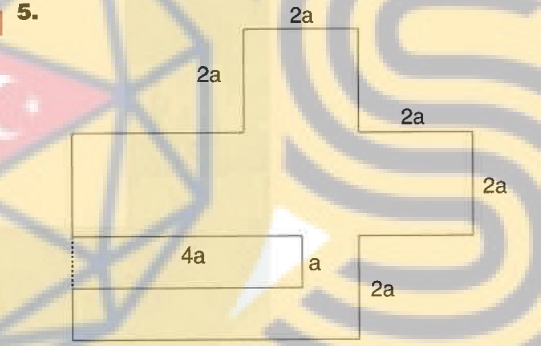
$\Rightarrow \text{Çevre (perimeter)} = ? a$

- A) 40 B) 41 C) 42 D) 43 E) 44



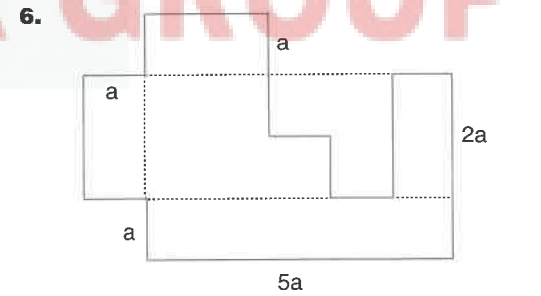
$\Rightarrow \text{Çevre (perimeter)} = ? x$

- A) 49 B) 52 C) 53 D) 60 E) 62



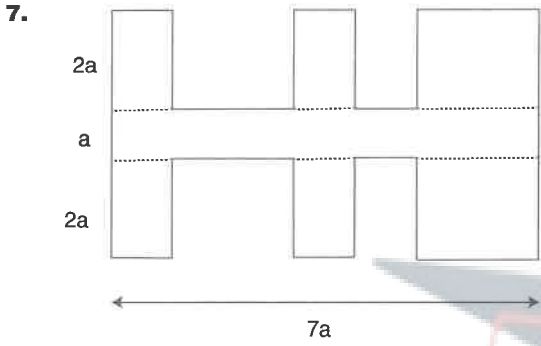
$\Rightarrow \text{Çevre (perimeter)} = ? a$

- A) 36 B) 35 C) 34 D) 33 E) 32



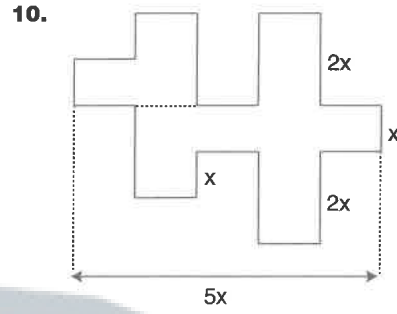
$\Rightarrow \text{Çevre (perimeter)} = ? a$

- A) 26 B) 25 C) 24 D) 23 E) 22



⇒ Çevre (perimeter) = ? a

- A) 52 B) 48 C) 44 D) 40 E) 36



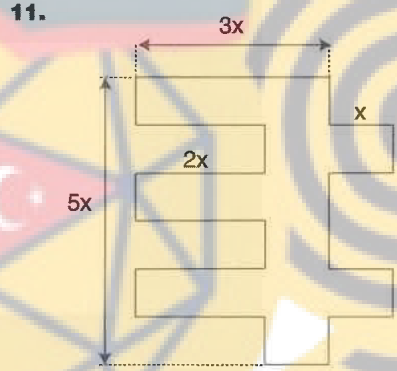
⇒ Çevre (perimeter) = ? x

- A) 26 B) 27 C) 28 D) 29 E) 30



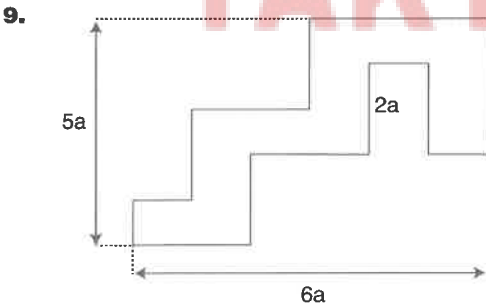
⇒ Çevre (perimeter) = ? a

- A) 26 B) 28 C) 30 D) 32 E) 34



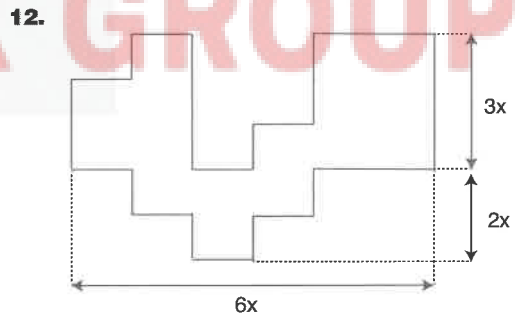
⇒ Çevre (perimeter) = ? x

- A) 28 B) 29 C) 30 D) 31 E) 32



⇒ Çevre (perimeter) = ? a

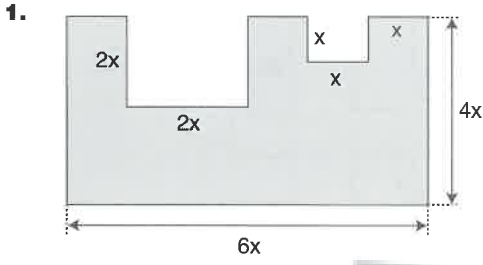
- A) 22 B) 24 C) 26 D) 28 E) 30



⇒ Çevre (perimeter) = ? x

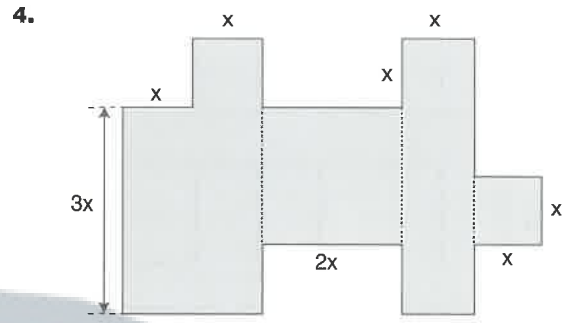
- A) 32 B) 30 C) 28 D) 26 E) 24

TAKTİK GROUP



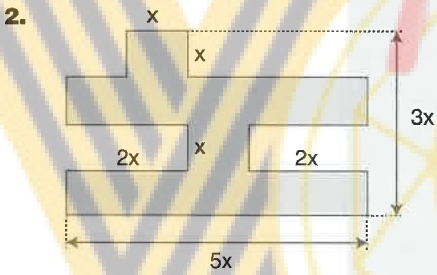
⇒ Taralı alan (shaded area) = ? x^2

- A) 24 B) 20 C) 19 D) 16 E) 13



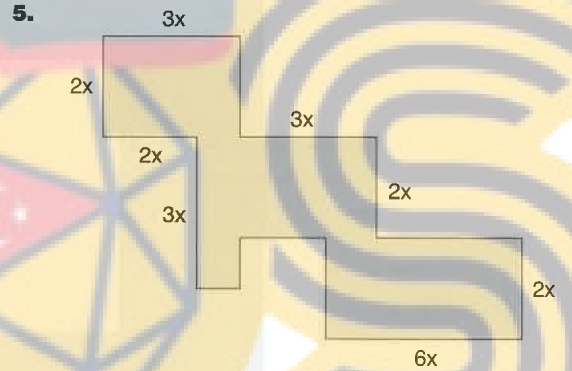
⇒ Taralı alan (shaded area) = ? x^2

- A) 17 B) 16 C) 15 D) 14 E) 13



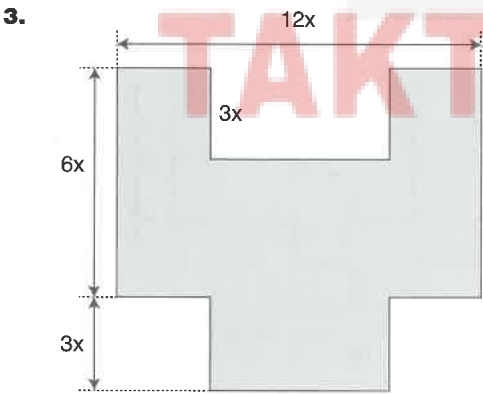
⇒ Taralı alan (shaded area) = ? x^2

- A) 11 B) 10 C) 9 D) 8 E) 7



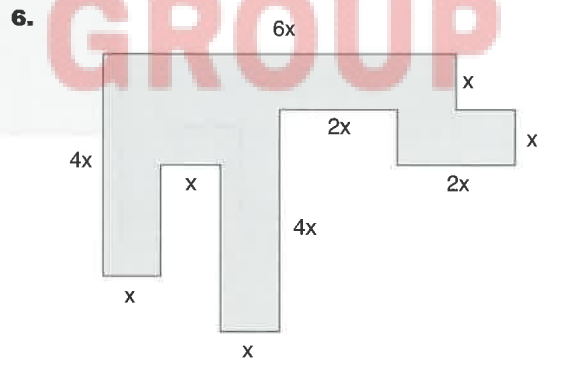
⇒ Taralı alan (shaded area) = ? x^2

- A) 32 B) 30 C) 28 D) 27 E) 24



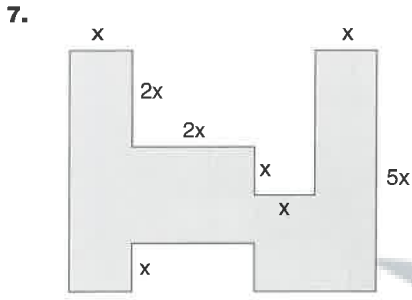
⇒ Taralı alan (shaded area) = ? x^2

- A) 72 B) 65 C) 60 D) 54 E) 52



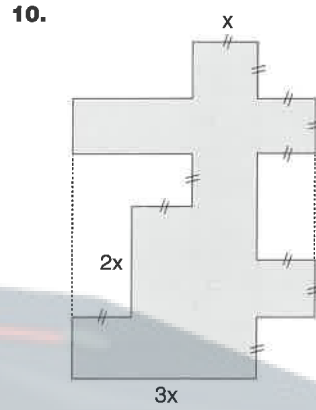
⇒ Taralı alan (shaded area) = ? x^2

- A) 13 B) 15 C) 16 D) 17 E) 18



⇒ Taralı alan (shaded area) = ? x^2

- A) 18 B) 17 C) 16 D) 15 E) 14



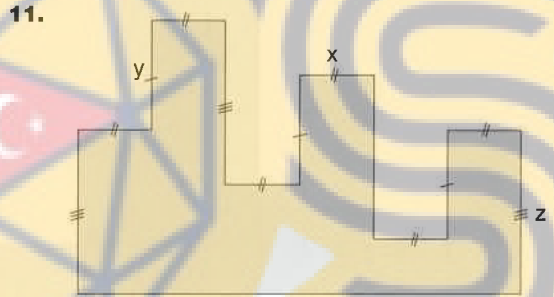
⇒ Taralı alan (shaded area) = ? x^2

- A) 14 B) 15 C) 16 D) 17 E) 18



⇒ Taralı alan (shaded area) = ? x^2

- A) 17 B) 16 C) 15 D) 14 E) 13

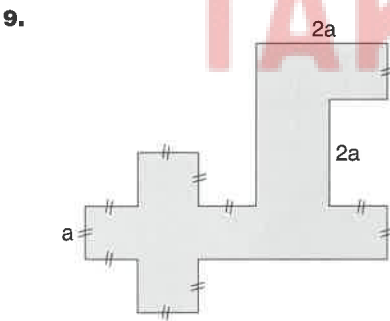


$y = 2x$

$z = 3x$

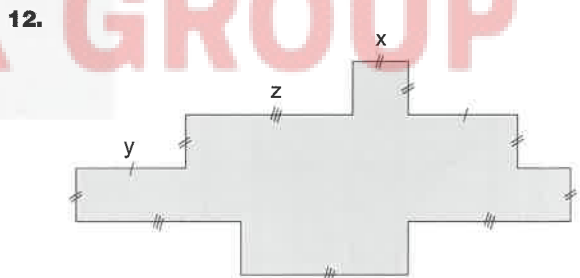
⇒ Taralı alan (shaded area) = ? x^2

- A) 20 B) 18 C) 16 D) 14 E) 12



⇒ Taralı alan (shaded area) = ? a^2

- A) 11 B) 12 C) 13 D) 14 E) 15



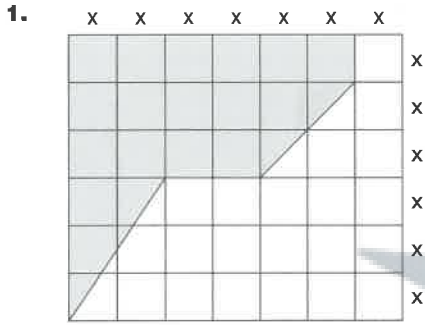
$y = 2x$

$z = 3x$

⇒ Taralı alan (shaded area) = ? x^2

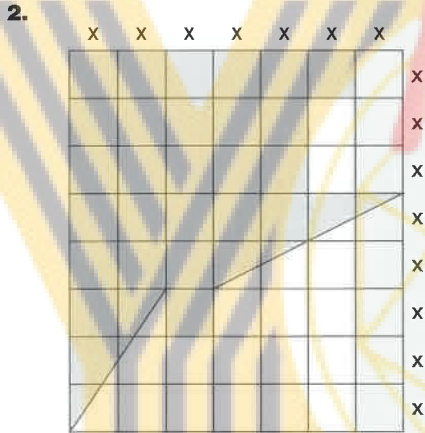
- A) 23 B) 22 C) 21 D) 20 E) 19

TAKTİK GROUP



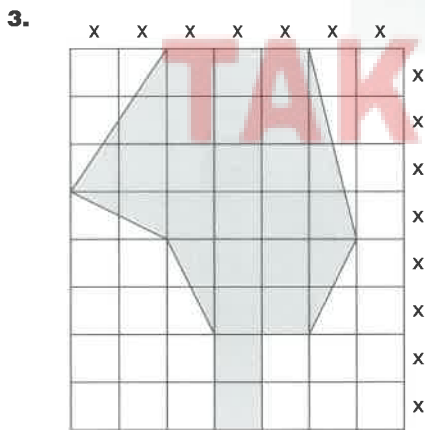
⇒ Taralı alan (shaded area) = ? x^2

- A) 19 B) 20 C) 21 D) 22 E) 23



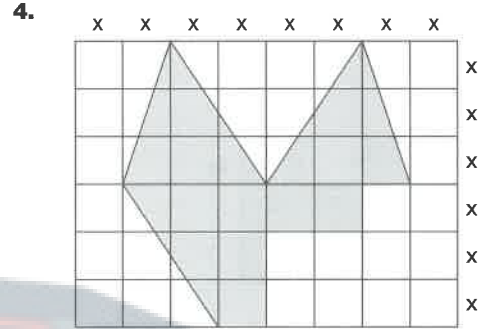
⇒ Taralı alan (shaded area) = ? x^2

- A) 33 B) 32 C) 30 D) 29 E) 28



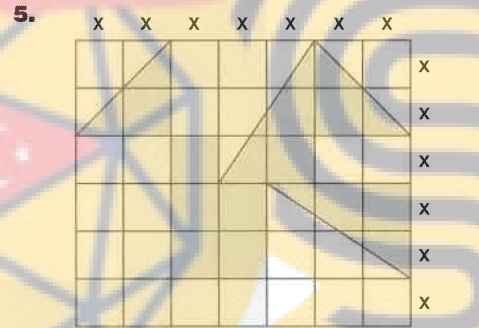
⇒ Taralı alan (shaded area) = ? x^2

- A) 29 B) 28 C) 27 D) 26 E) 25



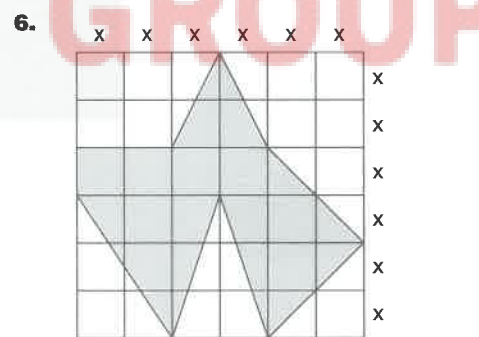
⇒ Taralı alan (shaded area) = ? x^2

- A) 17 B) 18 C) 19 D) 20 E) 21



⇒ Taralı alan (shaded area) = ? x^2

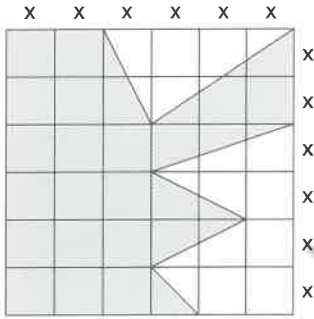
- A) 19 B) 18 C) 17 D) 16 E) 15



⇒ Taralı alan (shaded area) = ? x^2

- A) 15 B) 16 C) 17 D) 18 E) 19

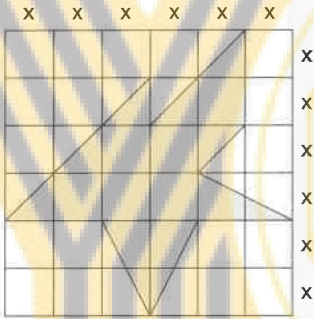
7.



⇒ Taralı alan (shaded area) = ? x^2

- A) 22 B) 23 C) 24 D) 25 E) 26

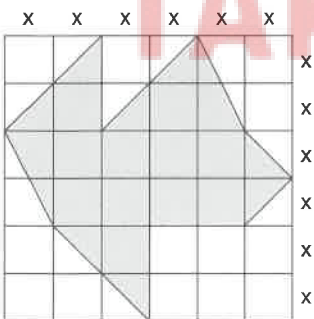
8.



⇒ Taralı alan (shaded area) = ? x^2

- A) 11 B) 12 C) 13 D) 14 E) 15

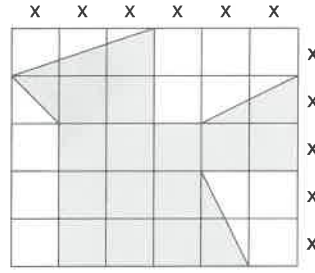
9.



⇒ Taralı alan (shaded area) = ? x^2

- A) 13 B) 14 C) 15 D) 16 E) 17

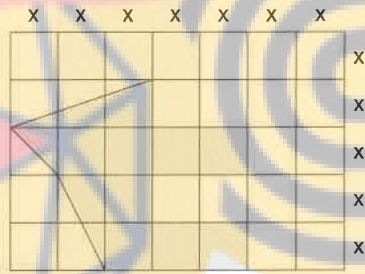
10.



⇒ Taralı alan (shaded area) = ? x^2

- A) 17 B) 18 C) 19 D) 20 E) 21

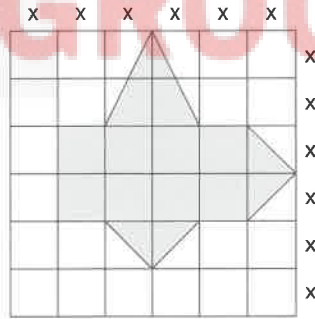
11.



⇒ Taralı alan (shaded area) = ? x^2

- A) 10 B) 11 C) 12 D) 13 E) 14

12.



⇒ Taralı alan (shaded area) = ? x^2

- A) 12 B) 13 C) 14 D) 15 E) 16

ÇEVRE-ALAN BULMA
FINDING PERIMETER-AREA

YANIT ANAHTARI | **ANSWER KEY**

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12
C	B	E	E	C	C	D	B	C	A	A	C

TEST 2

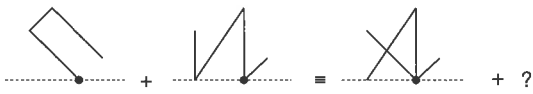
1	2	3	4	5	6	7	8	9	10	11	12
C	E	A	B	D	C	C	E	A	A	B	E

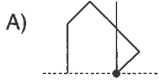
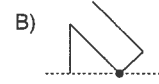
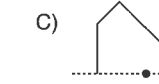
TEST 3



1	2	3	4	5	6	7	8	9	10	11	12
A	C	D	A	E	B	C	B	E	A	B	A

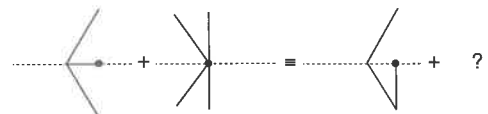
TAKTİK GROUP

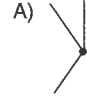
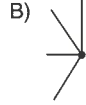
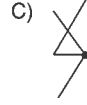


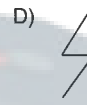

1. 

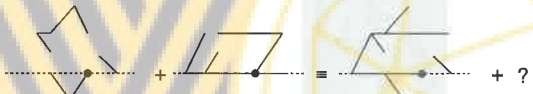
A)  B)  C) 

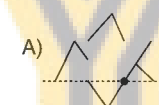
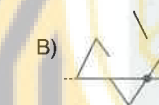
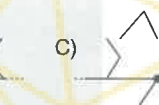
D)  E) 

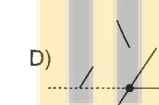
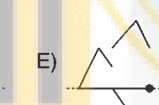
4. 


A)  B)  C) 

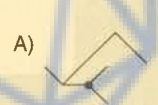
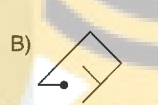
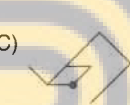
D)  E) 

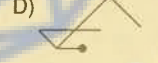
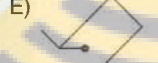
2. 

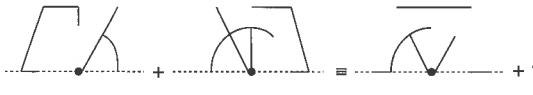
A)  B)  C) 


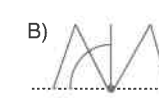
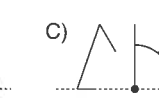
D)  E) 



5. 

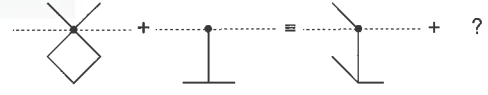
A)  B)  C) 

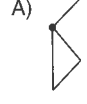
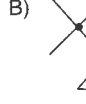
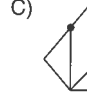
D)  E) 



3. 

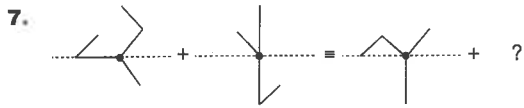
A)  B)  C) 

D)  E) 

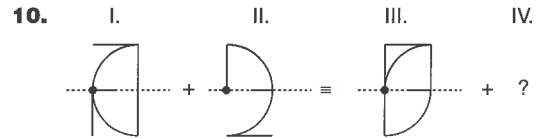
6. 

A)  B)  C) 

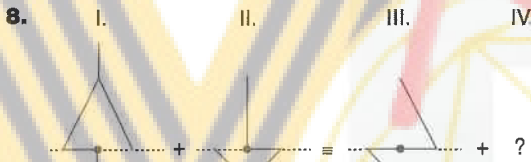
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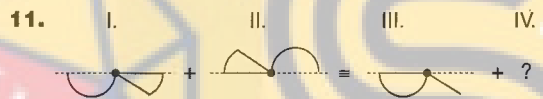
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- E)



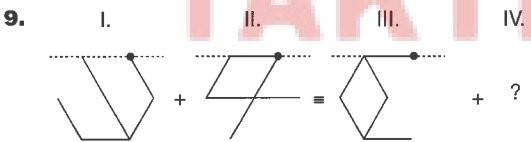
- A)
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- A)
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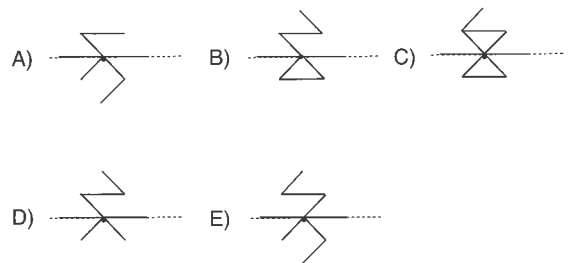
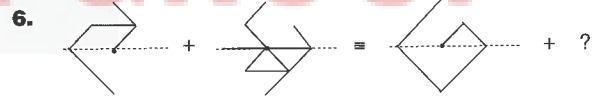
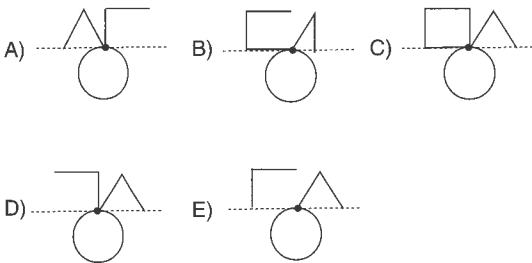
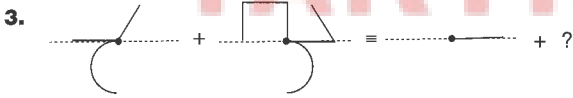
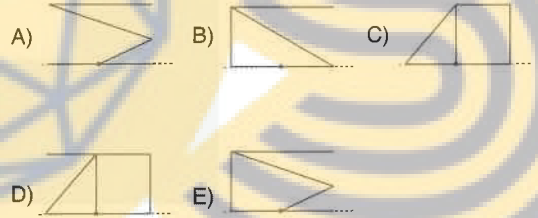
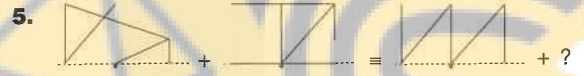
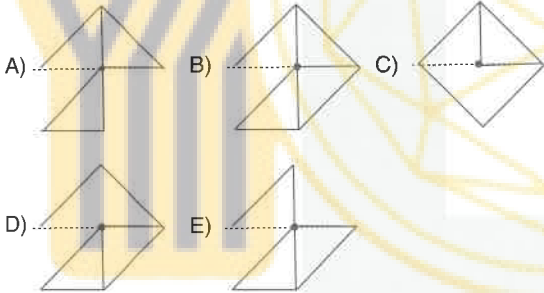
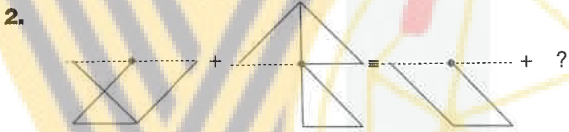
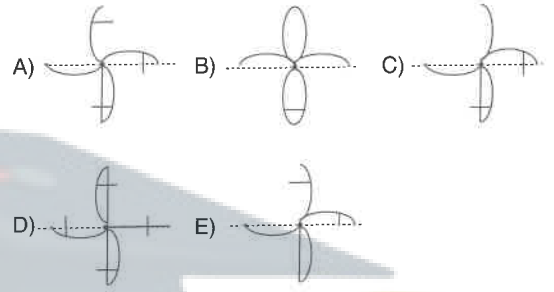
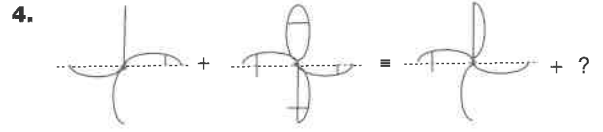
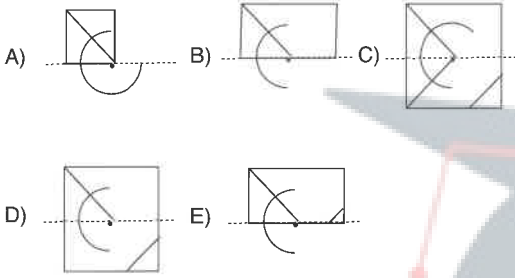
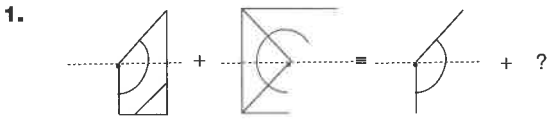
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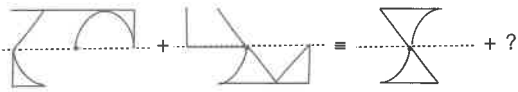


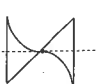
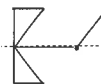
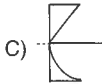
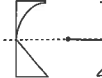
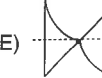
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- B)
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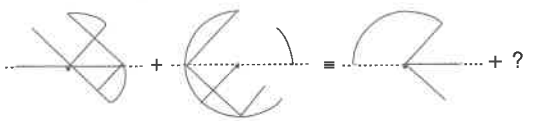


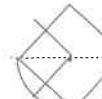

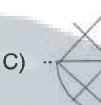


- A)
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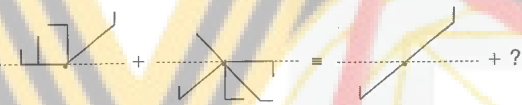



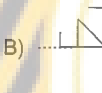
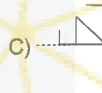

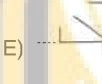
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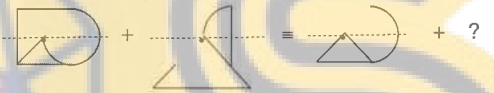
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D)  E) 


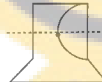
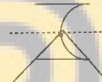
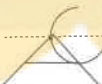
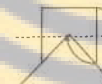
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- A)  B) 
C)  D) 
E) 

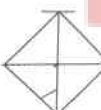
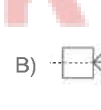
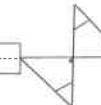
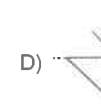

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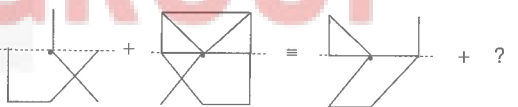
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D)  E) 

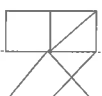

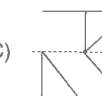

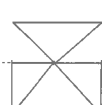
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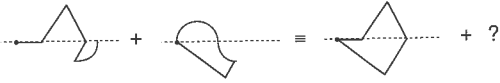
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D)  E) 




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

- A)  B) 
C)  D) 
E) 

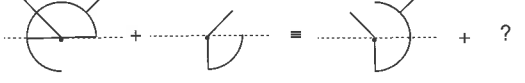
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

- A)  B)  C) 
D)  E) 



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- A)  B)  C) 

- D)  E) 



4. 

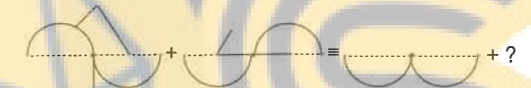
- A)  B)  C) 




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2. 

- A)  B)  C) 




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

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- A)  B)  C) 




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
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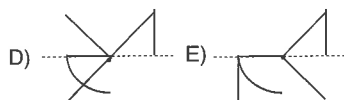
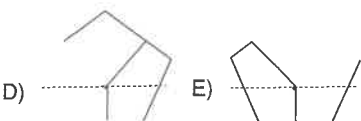
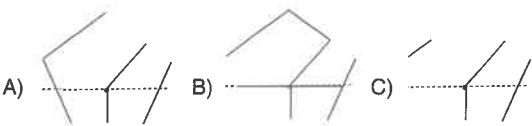
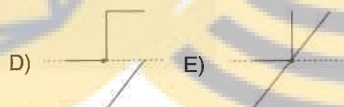
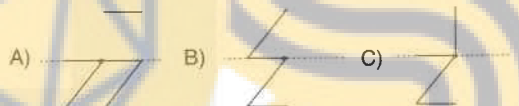
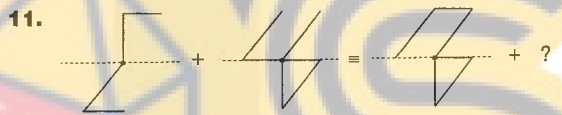
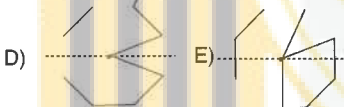
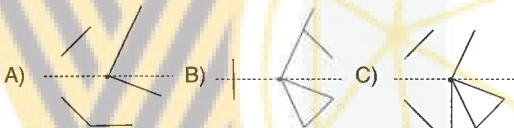
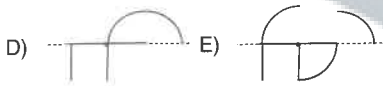
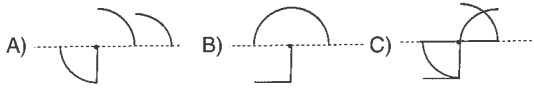
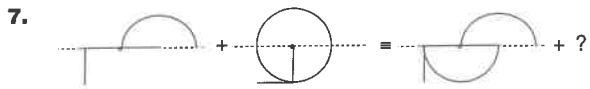
- A)  B)  C) 

- D)  E) 

6. 

- A)  B)  C) 

- D)  E) 



TAKTİK GROUP

1. + = + ?

- A) B) C) D) E)

4. + = + ?

- A) B) C) D) E)

2. + = + ?

- A) B) C) D) E)

5. + = + ?

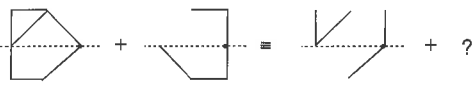
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


3. + = + ?



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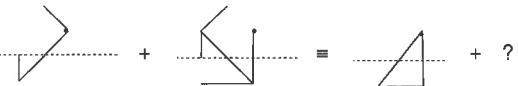
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

- A) B) C) D) E)



7. 


A)  B)  C) 

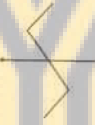

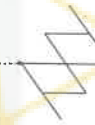
D)  E) 


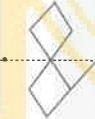
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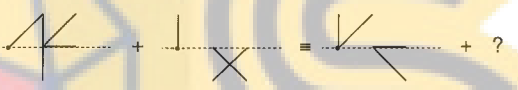
A)  B)  C) 




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

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A)  B)  C) 




D)  E) 



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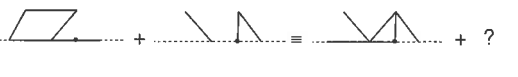
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


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

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A)  B)  C) 

D)  E) 

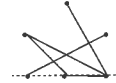
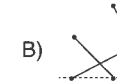


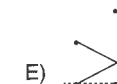
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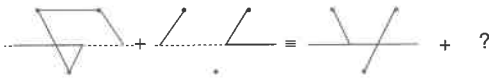
A)  B)  C) 


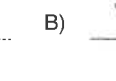


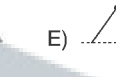
D)  E) 

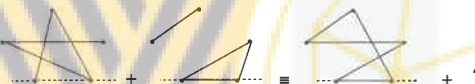
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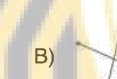
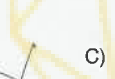
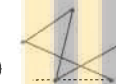
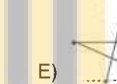
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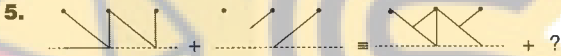
- A)  B)  C) 
D)  E) 

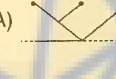
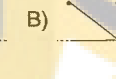
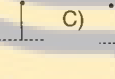
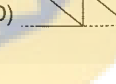
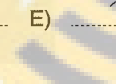
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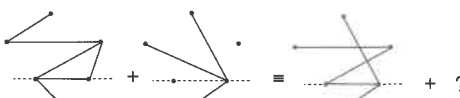
- A)  B)  C) 
D)  E) 

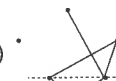
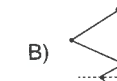
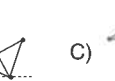

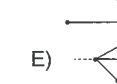
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- A)  B)  C) 
D)  E) 


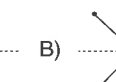
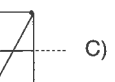
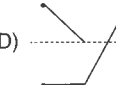
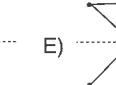
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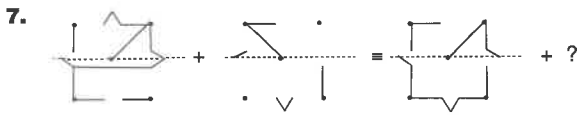
- A)  B)  C) 
D)  E) 

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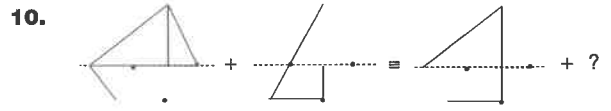
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D)  E) 

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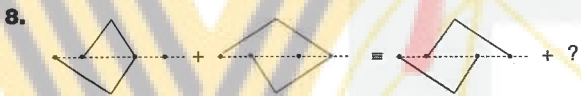
- A)  B)  C) 
D)  E) 



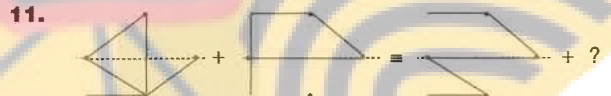
- A) B) C) D) E)



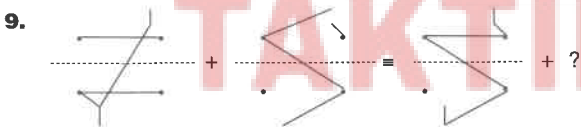
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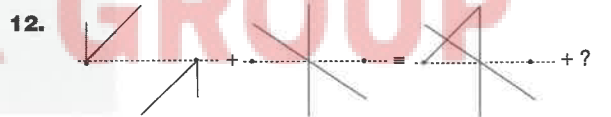
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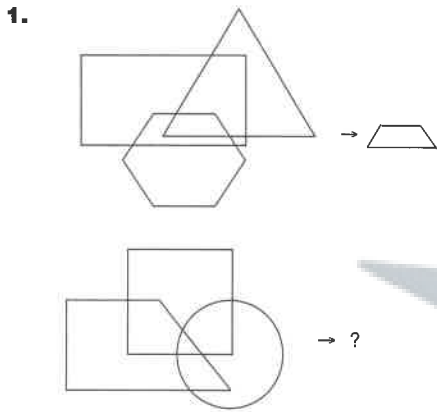
- A) B) C) D) E)



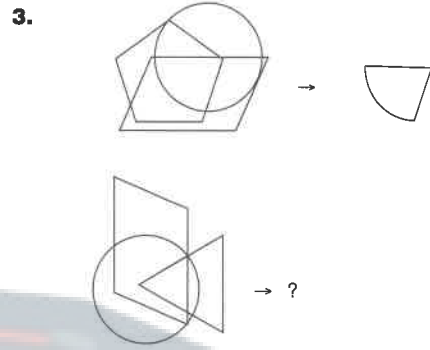
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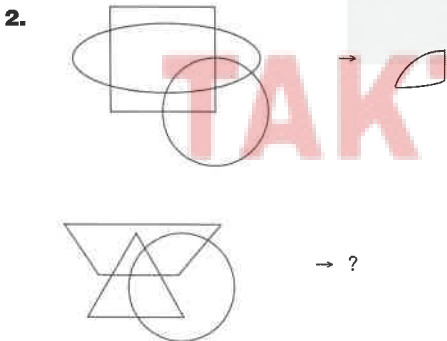
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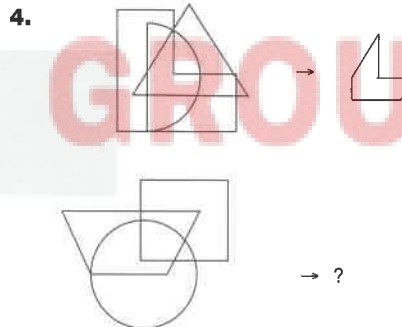
- A) B)
D) E)



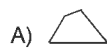
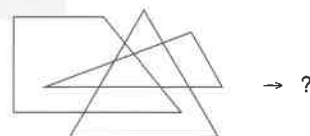
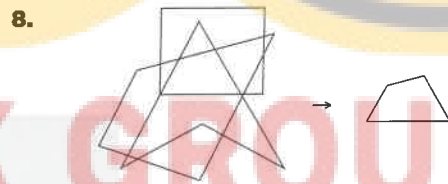
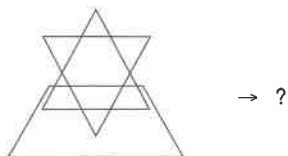
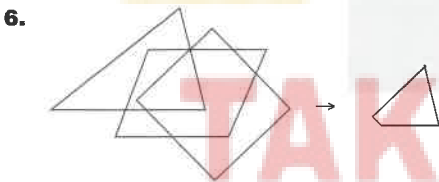
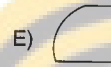
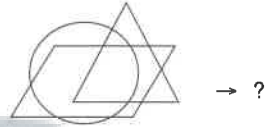
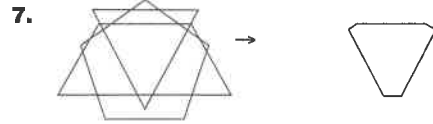
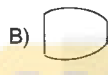
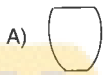
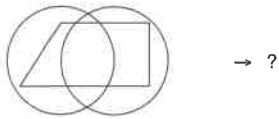
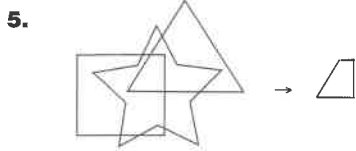
- A) B)
D) E)



- A) B)
D) E)
C)

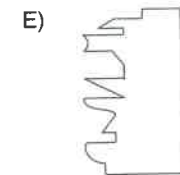
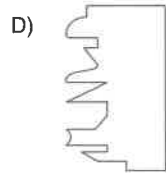
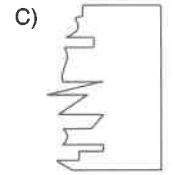
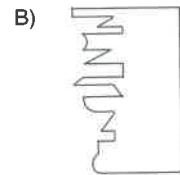
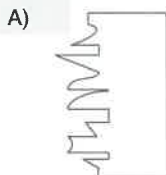
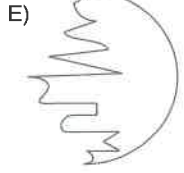
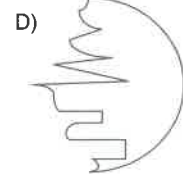
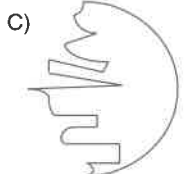
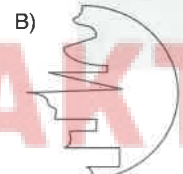
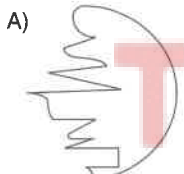
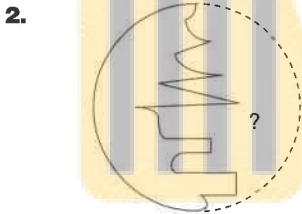
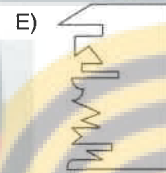
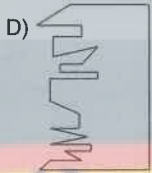
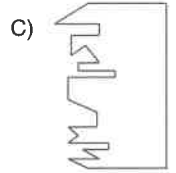
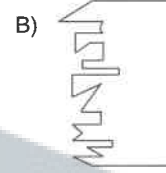
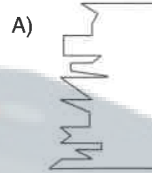
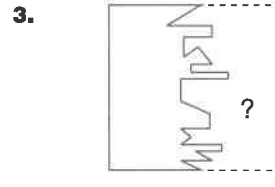
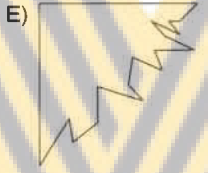
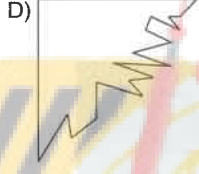
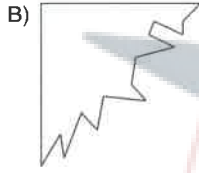
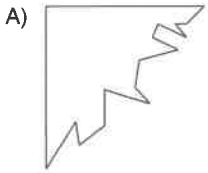
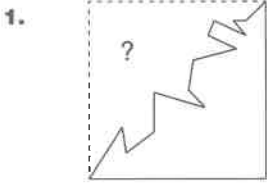


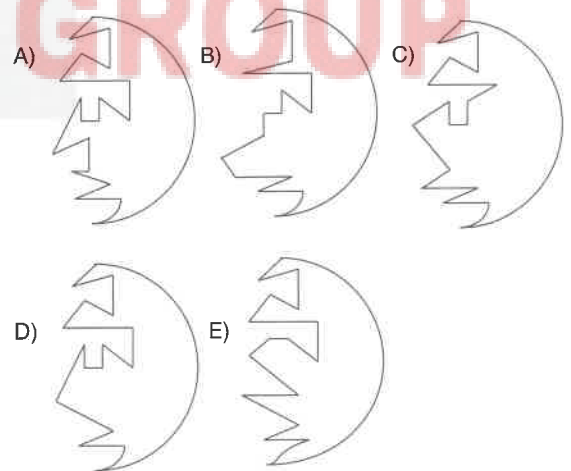
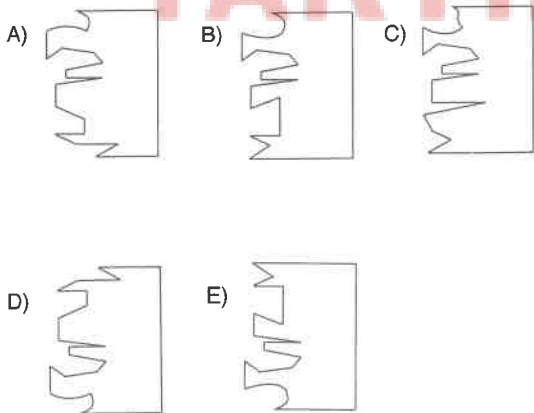
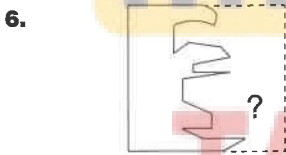
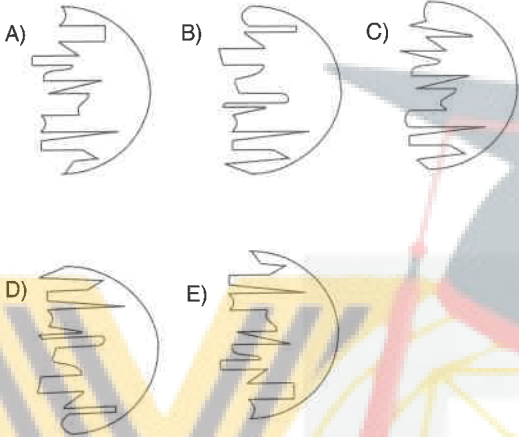
- A) B)
D) E)
C)

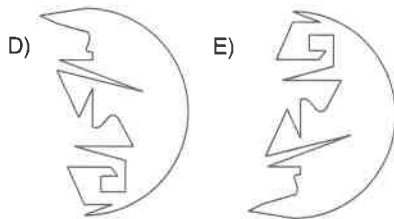
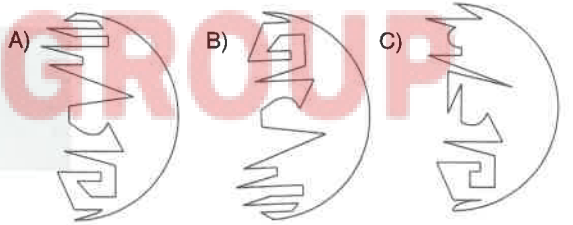
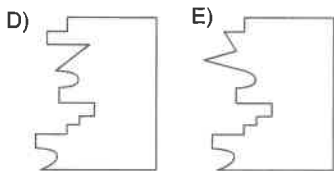
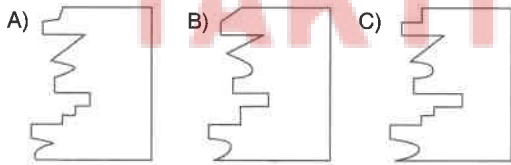
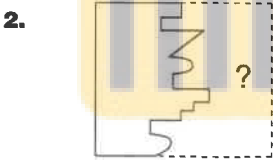
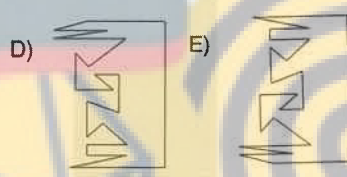
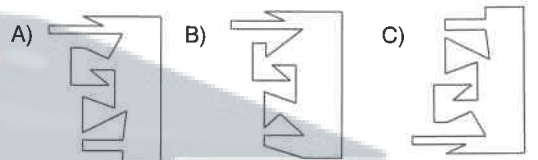
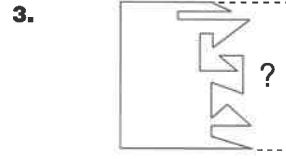
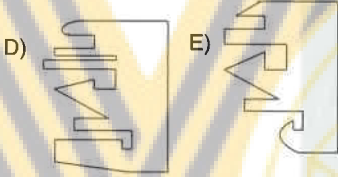
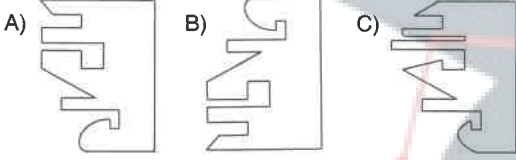
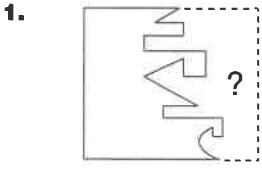


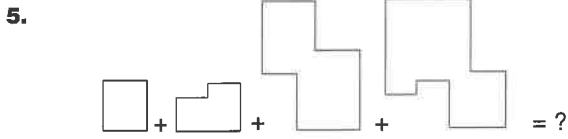
ŞEKİL İLİŞKİLERİ - TAMAMLAMA

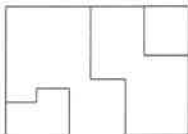
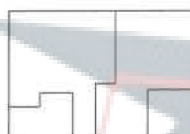



TEST 7

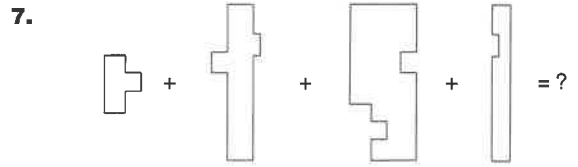


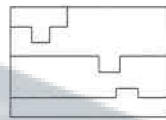
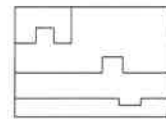
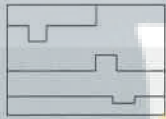




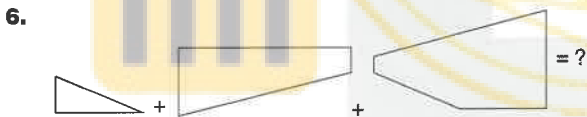


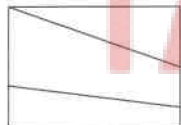

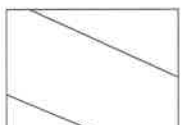
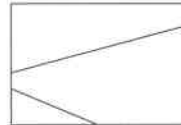



- A) 
- B) 
- C) 
- D) 
- E) 








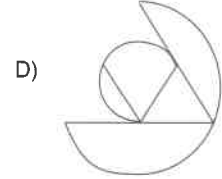
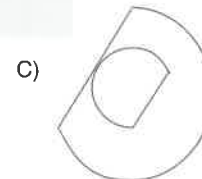
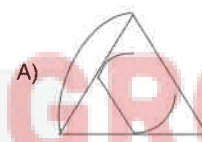
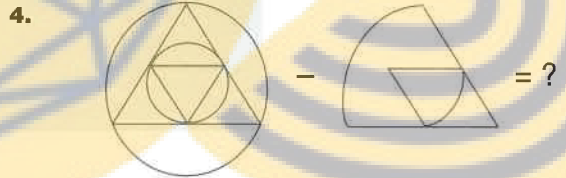
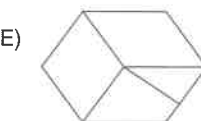
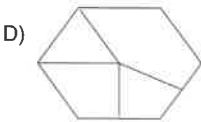
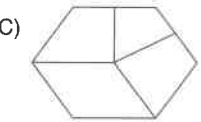
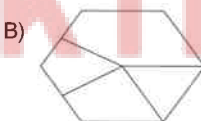
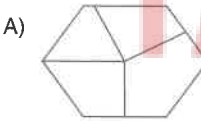
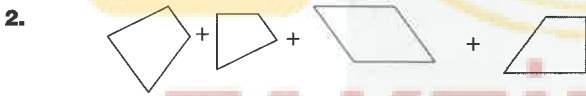
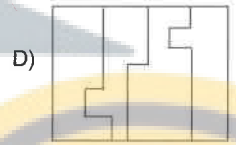
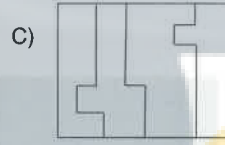
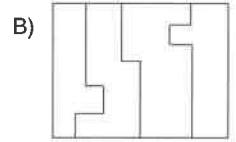
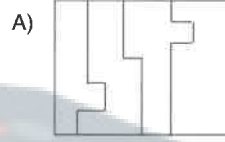
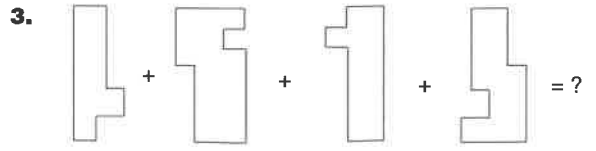
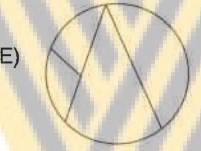
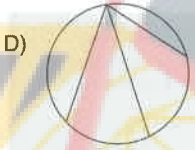
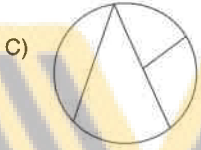
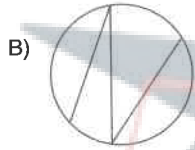
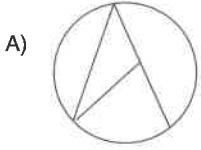
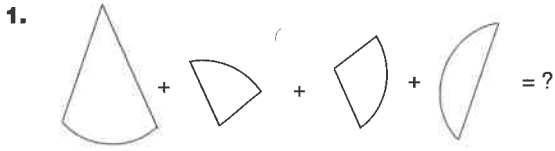
- A) 
- B) 
- C) 
- D) 
- E) 

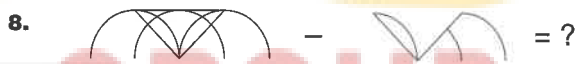
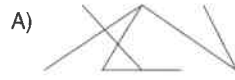
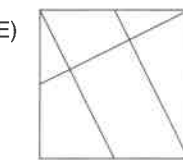
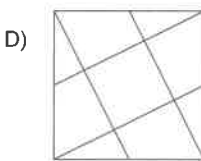
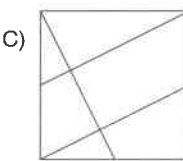
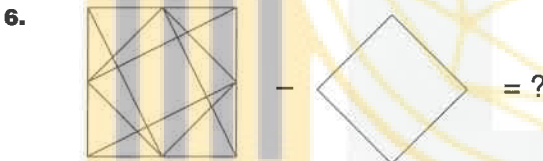
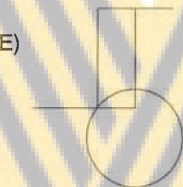
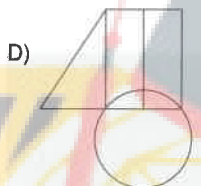
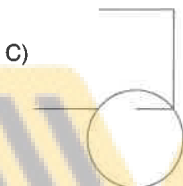
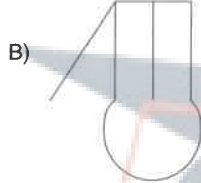
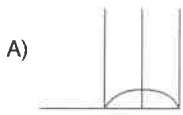
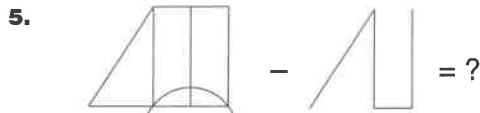


- A) 
- B) 
- C) 
- D) 
- E) 



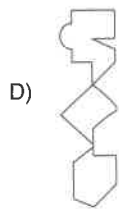
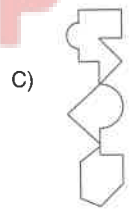
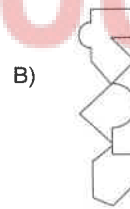
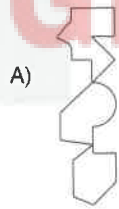
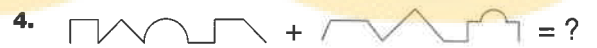
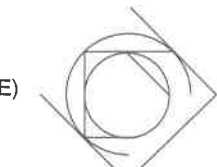
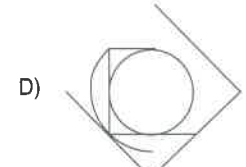
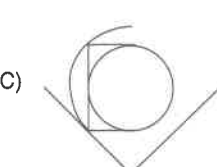
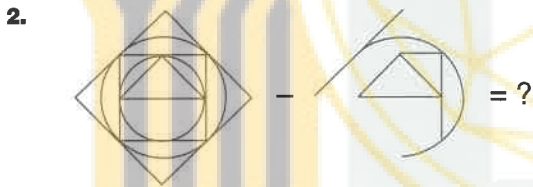
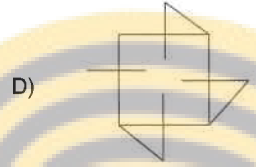
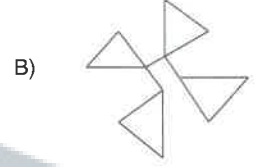
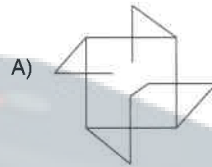
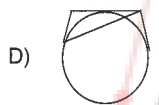
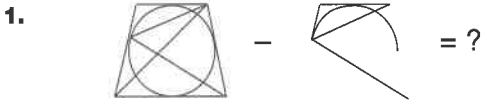
- A) 
- B) 
- C) 
- D) 
- E) 



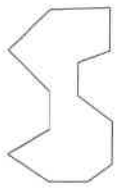







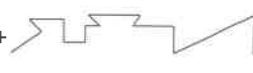
ŞEKİL İLİŞKİLERİ - TAMAMLAMA


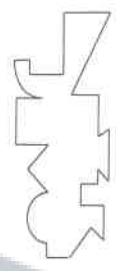



TEST 10





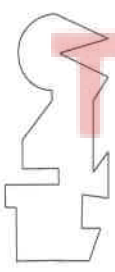




5.  +  = ?

- A) 
- B) 
- C) 
- D) 
- E) 


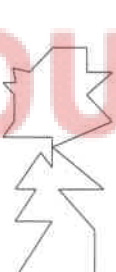
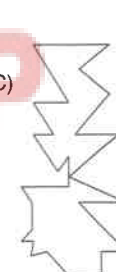


7.  +  = ?

- A) 
- B) 
- C) 
- D) 
- E) 

6.  +  = ?

- A) 
- B) 
- C) 
- D) 
- E) 

8.  +  = ?

- A) 
- B) 
- C) 
- D) 
- E) 

ŞEKİL İLİŞKİLERİ TAMAMLAMA

FIGURE RELATIONS
COMPLETION

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12
C	D	A	B	E	D	A	A	C	B	D	A

TEST 3

1	2	3	4	5	6	7	8	9	10	11	12
B	D	B	C	D	B	B	A	C	D	C	C

TEST 5

1	2	3	4	5	6	7	8	9	10	11	12
C	B	D	C	C	E	C	D	B	E	A	B

TEST 7

1	2	3	4	5	6	7	8				
A	D	C	D	A	A	C	D				

TEST 9

1	2	3	4	5	6	7	8				
C	C	B	C	C	D	B	C				

TEST 2

1	2	3	4	5	6	7	8	9	10	11	12
C	B	C	A	A	B	C	B	C	C	B	C

TEST 4

1	2	3	4	5	6	7	8	9	10	11	12
B	C	D	E	A	C	B	A	C	C	D	D

TEST 6

1	2	3	4	5	6	7	8				
A	A	B	A	E	C	D	A				

TEST 8

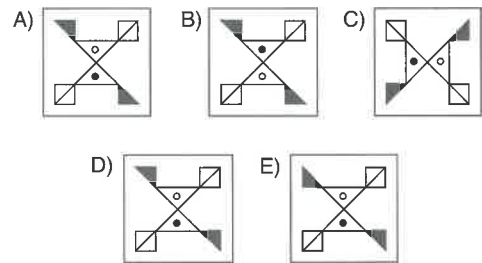
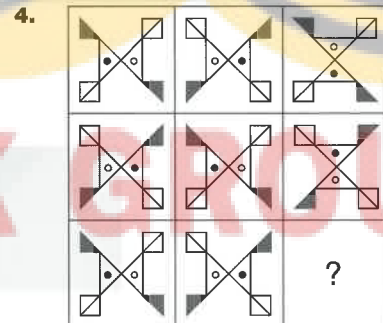
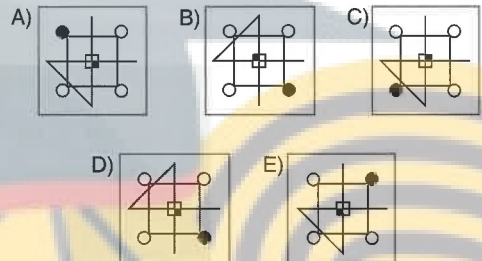
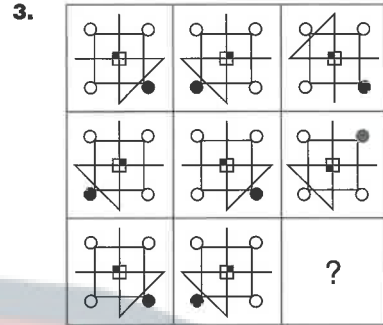
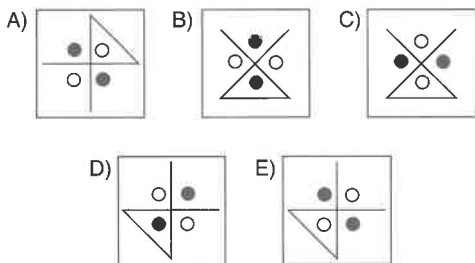
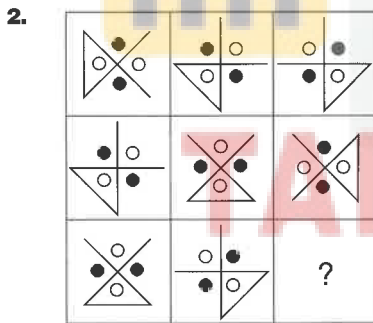
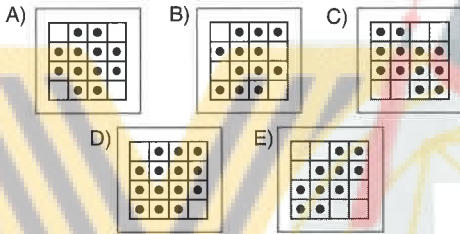
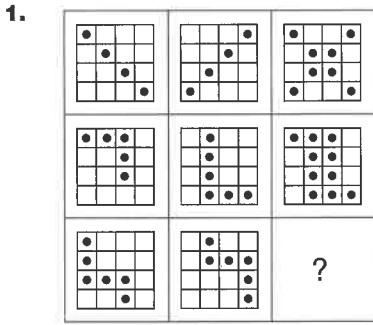
1	2	3	4	5	6	7	8				
E	D	B	C	A	D	E	D				

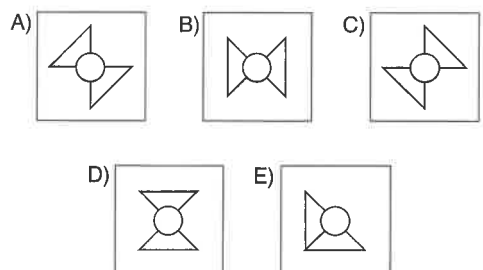
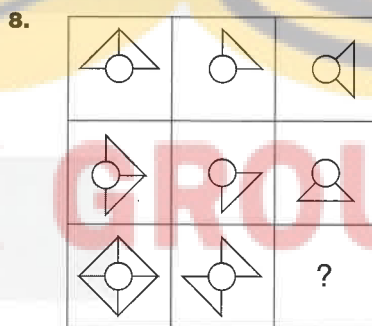
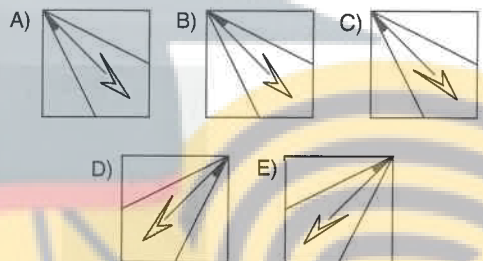
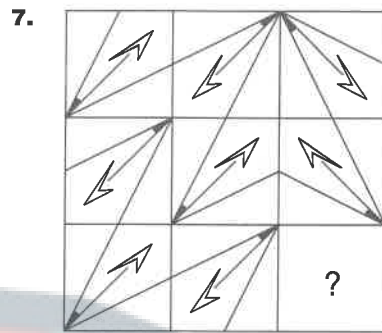
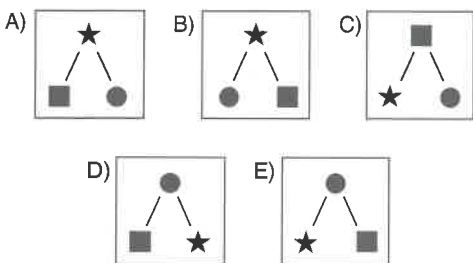
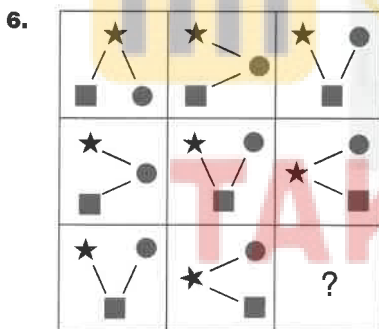
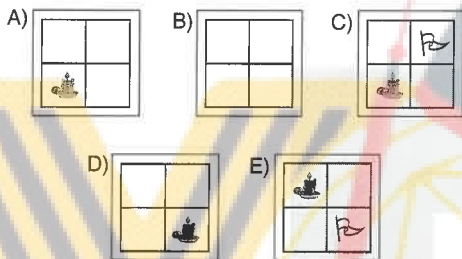
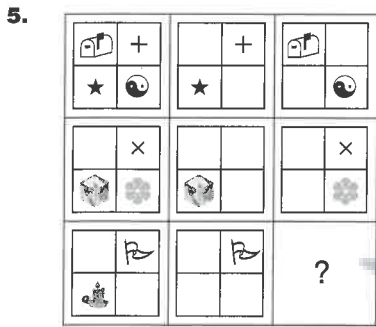
TEST 10

1	2	3	4	5	6	7	8				
E	D	C	C	C	C	D	B				



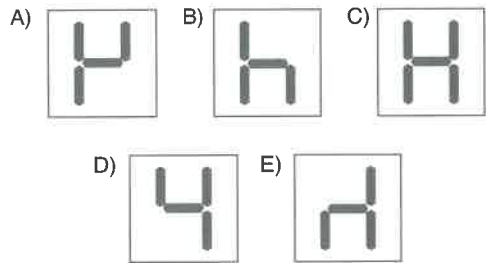
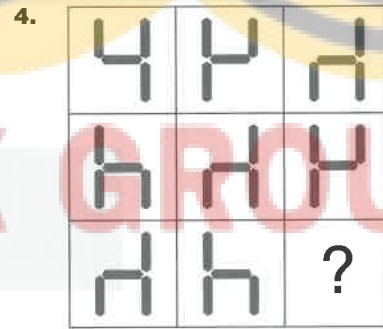
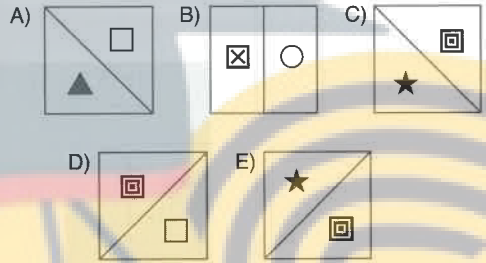
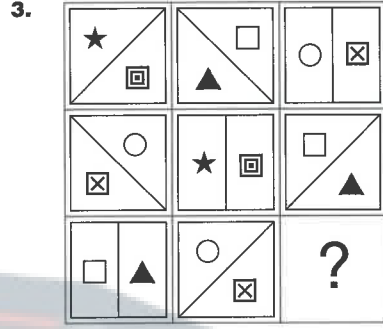
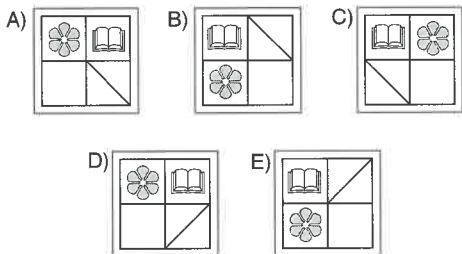
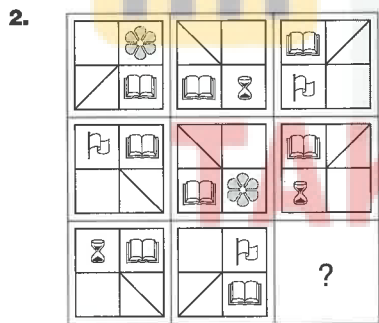
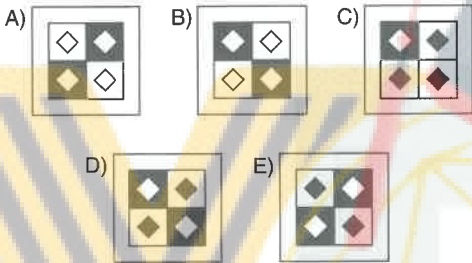
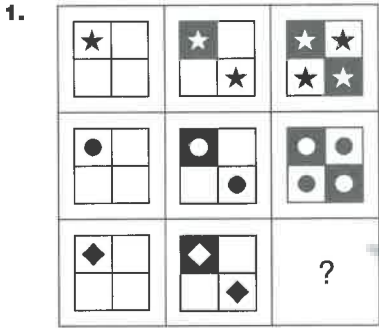
ŞEKİL İLİŞKİLERİ - TABLO





ŞEKİL İLİŞKİLERİ - TABLO

TEST 2



5.

A)

B)

C)

D)

E)

6.

A)

B)

C)

D)

E)

7.

A)

B)

C)

D)

E)

8.

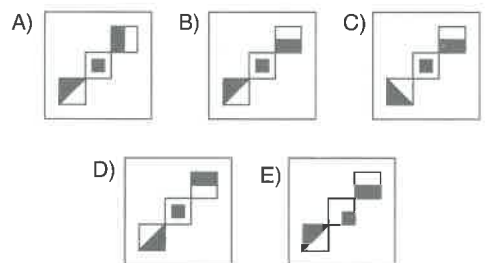
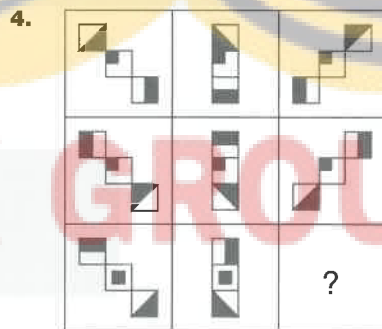
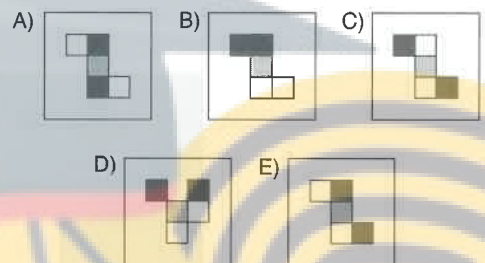
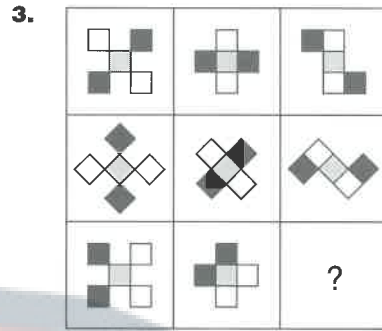
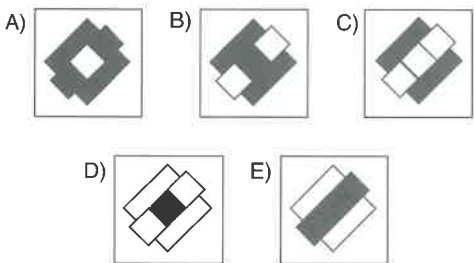
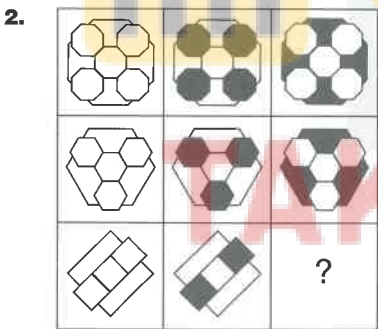
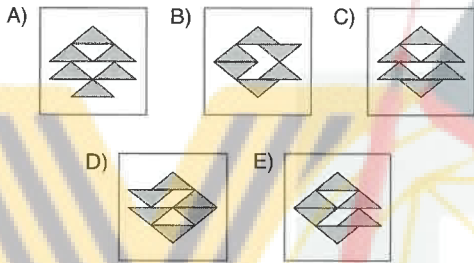
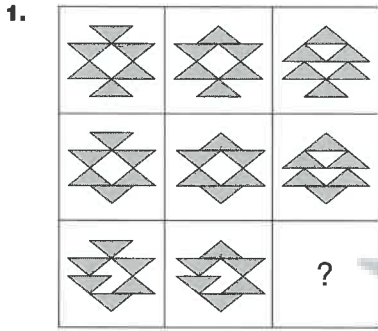
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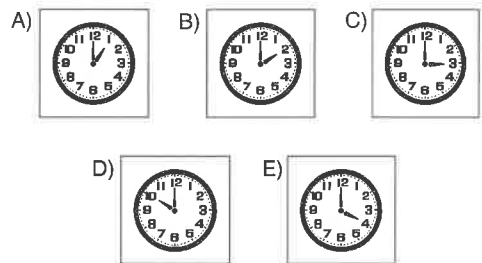
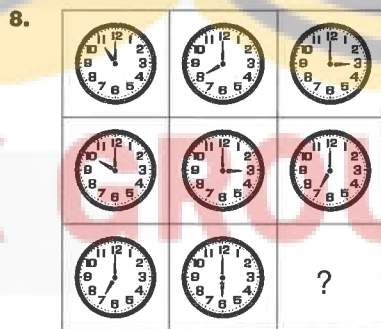
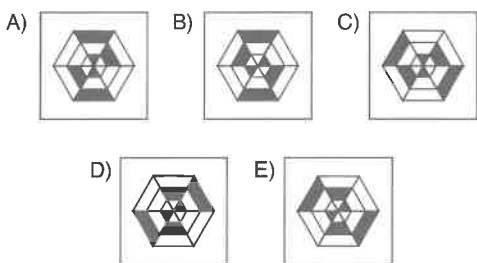
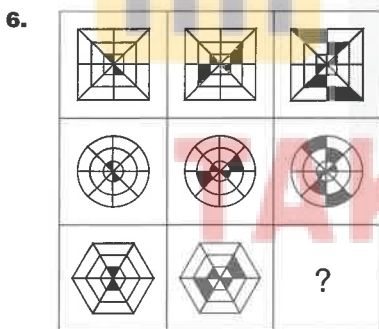
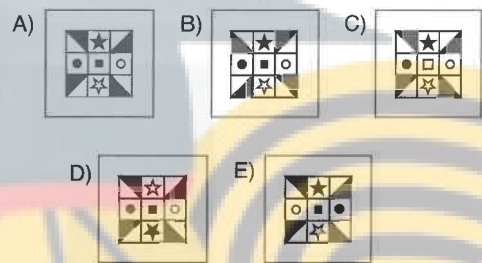
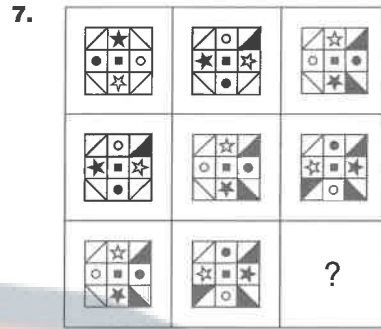
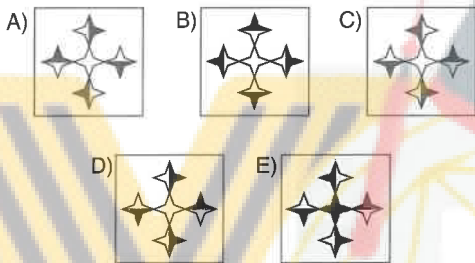
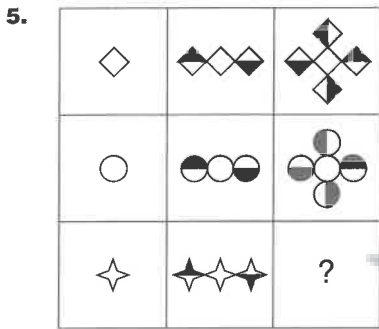
B)

C)

D)

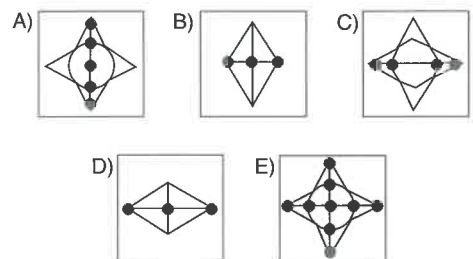
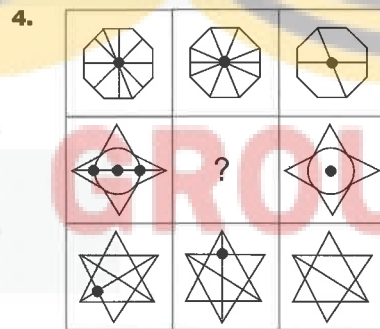
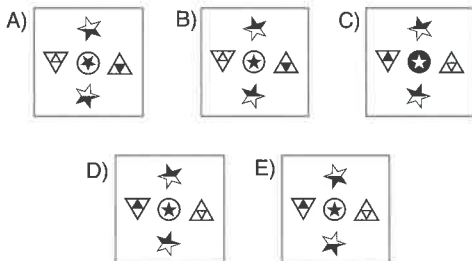
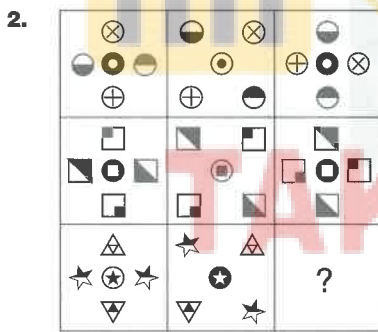
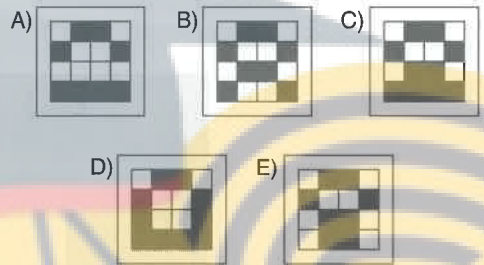
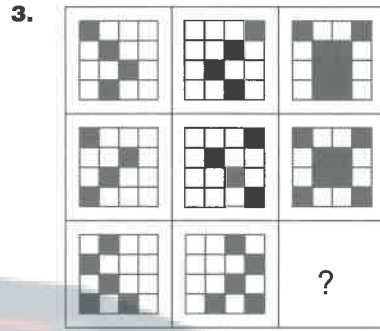
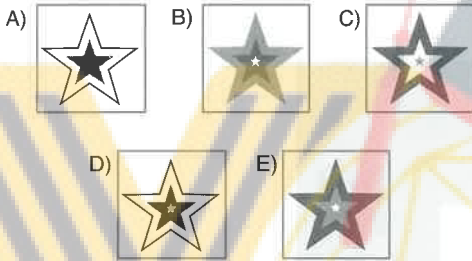
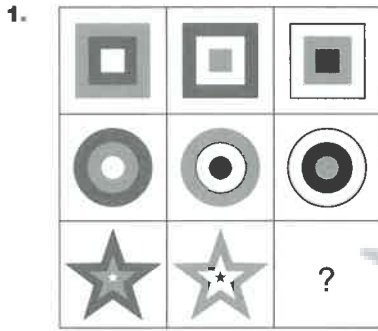
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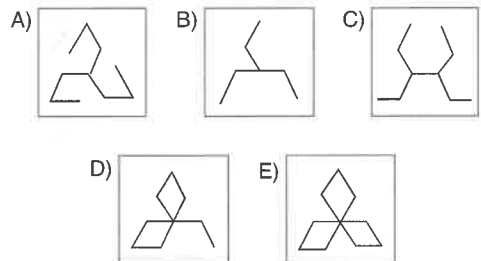
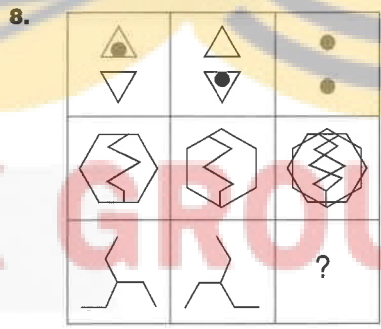
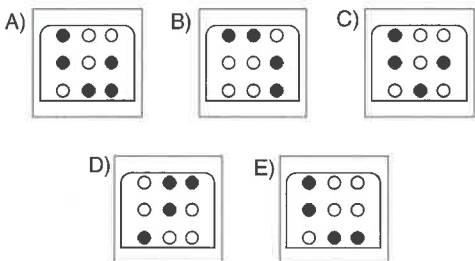
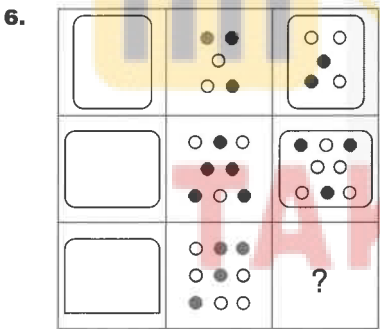
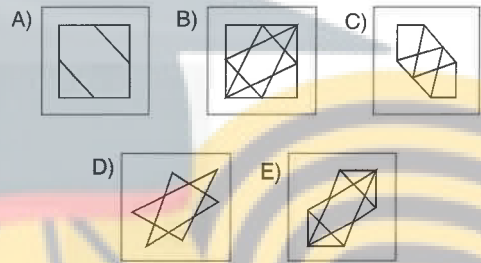
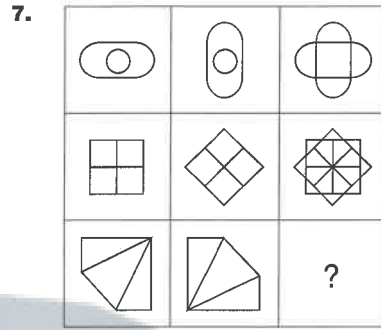
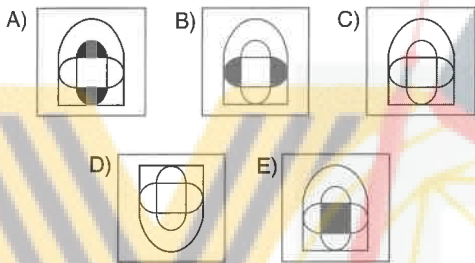
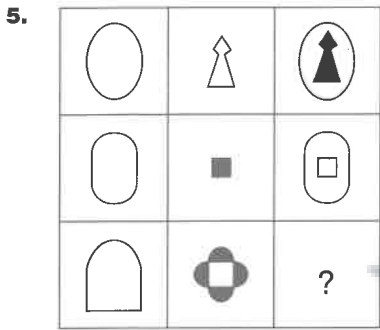




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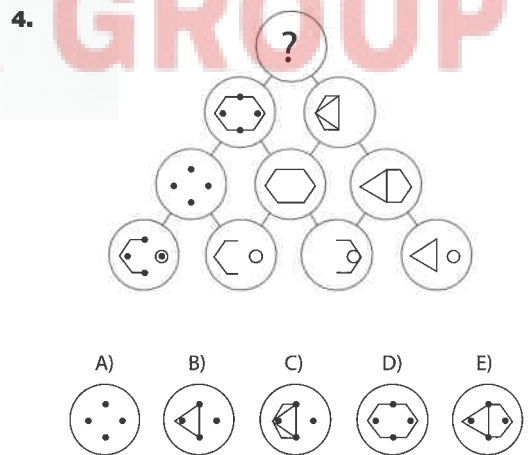
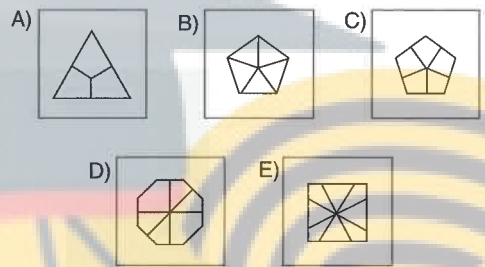
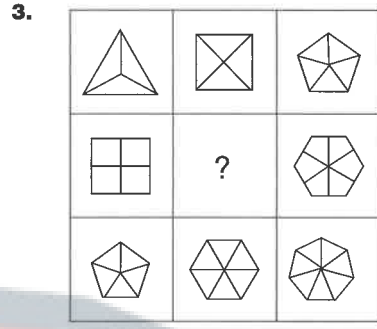
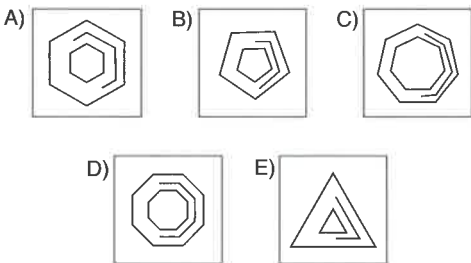
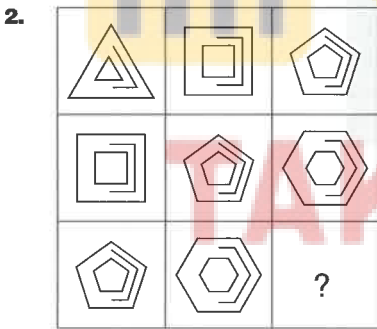
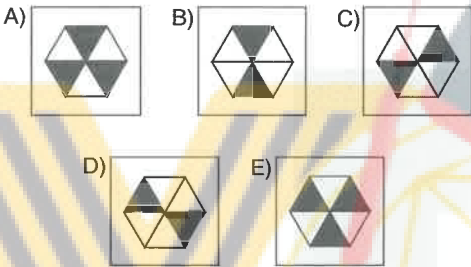
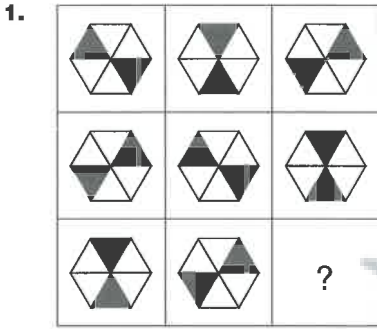
ŞEKİL İLİŞKİLERİ - TABLO

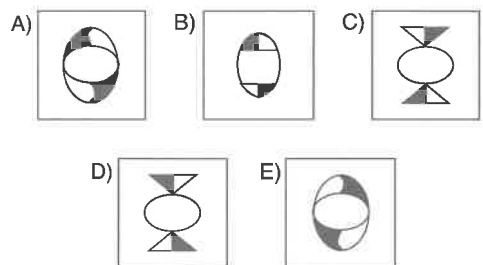
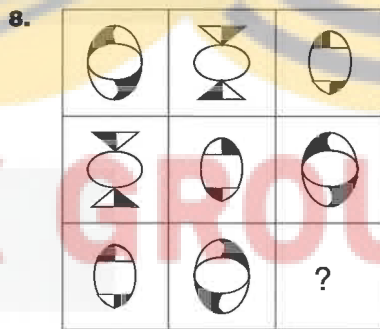
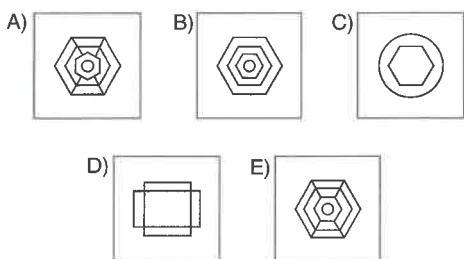
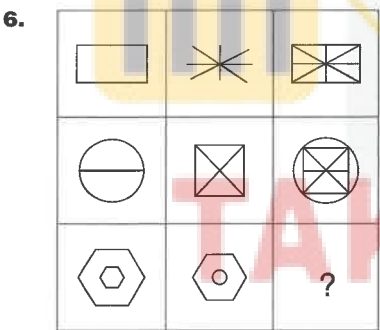
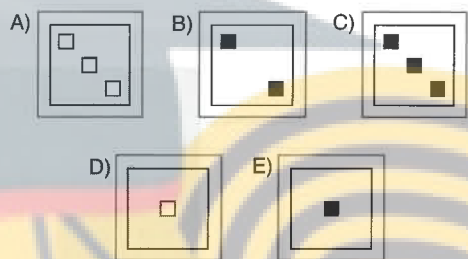
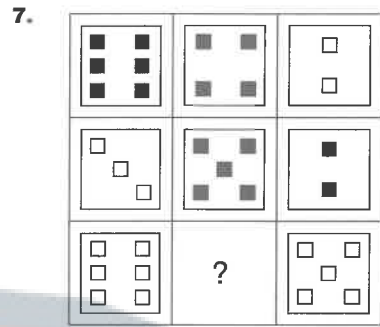
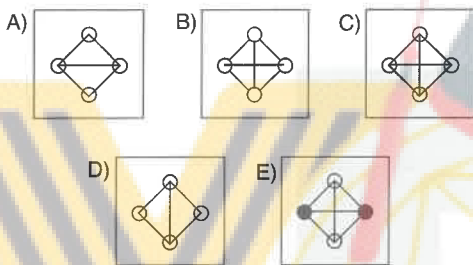
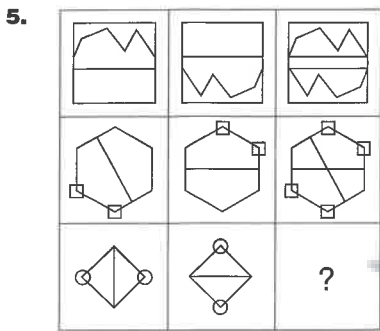




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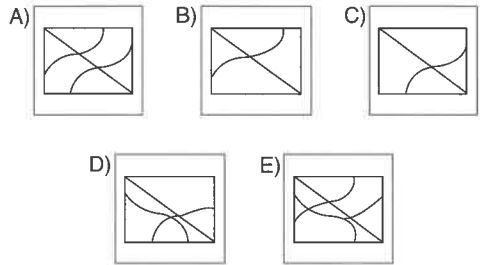
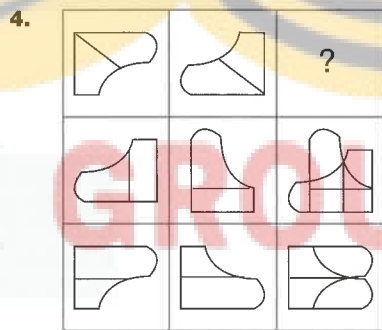
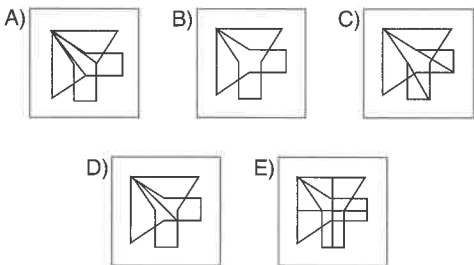
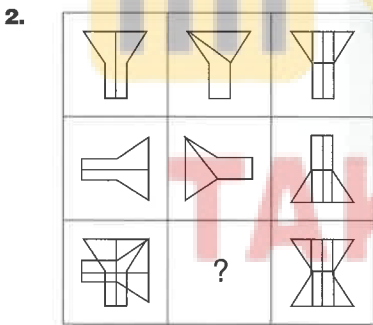
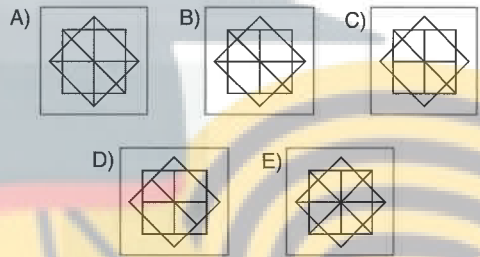
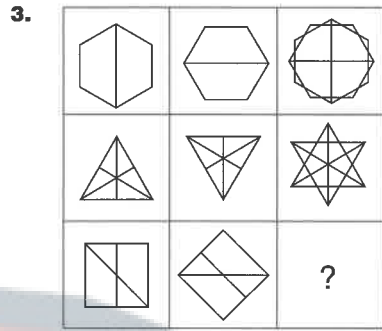
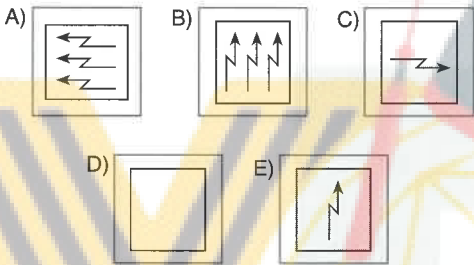
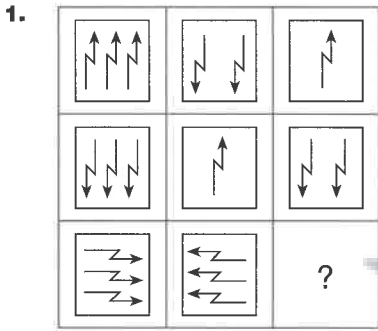
TAKTİK GROUP

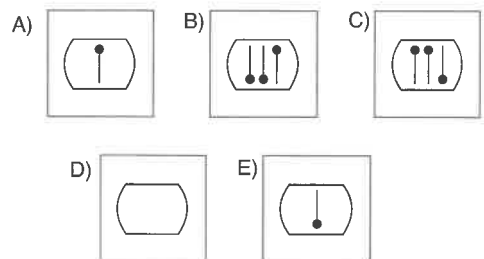
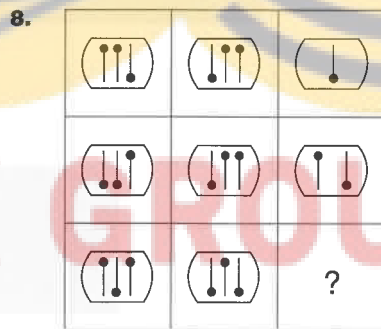
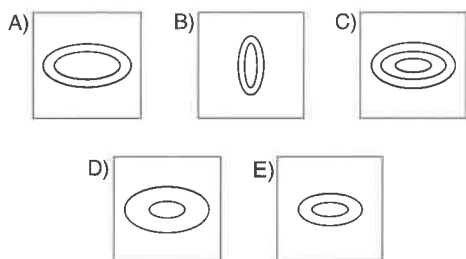
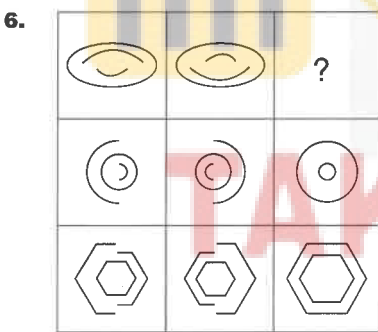
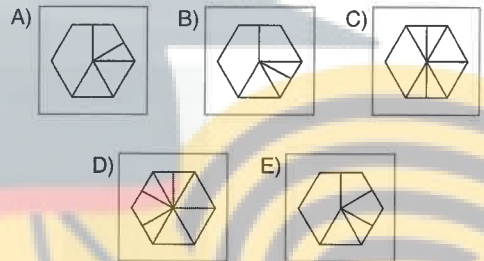
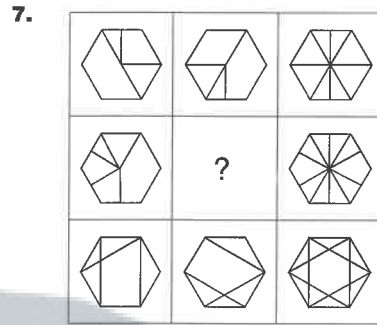
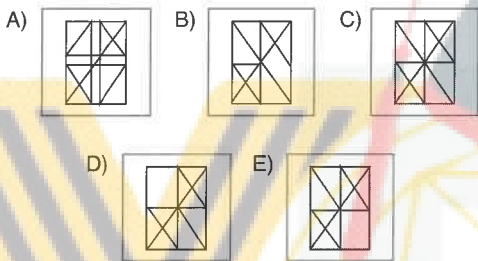
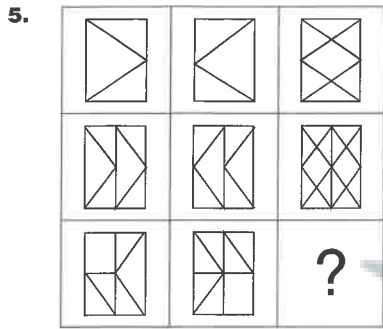




PUZAYINLARI

TAKTİK GROUP





PUZA YAYINLARI

ŞEKİL İLİŞKİLERİ - TABLO

1.

*	⊕	□	⊗	☆	△
⊕	☆	△	⊕	□	⊗
□	△	⊕	□	⊗	☆
⊗	⊕	□	⊗	☆	△
☆	□	⊗	☆	△	⊕
△	⊗	☆	△	⊕	□

$$(\otimes * \star) * (\oplus * \triangle) = ?$$

Yukarıdaki tabloda * işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of * operation established in the table above, which of the following does the question mark stand for?

- A) ⊕ B) □ C) ☆ D) △ E) ⊗

2.

♣	□	●	☆	⊕	*
□	☆	*	□	●	☆
●	*	□	●	☆	⊕
☆	□	●	☆	⊕	*
⊕	●	☆	⊕	*	□
*	☆	⊕	*	□	●

$$[(\square \clubsuit \oplus) \clubsuit ?] \clubsuit (\star \clubsuit \star) = \star$$

Yukarıdaki tabloda ♣ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ♣ operation established in the table above, which of the following does the question mark stand for?

- A) (□ ♣ ●) B) (□ ♣ ☆) C) (* ♣ ●)
D) (⊕ ♣ □) E) (☆ ♣ ☆)

3.

♣	●	☆	□	▲	⊕
●	▲	⊕	●	☆	□
☆	⊕	●	☆	□	▲
□	●	☆	□	▲	⊕
▲	☆	□	▲	⊕	●
⊕	□	▲	⊕	●	☆

$$[(\star \clubsuit \bullet) \clubsuit (\oplus \clubsuit \square)] \clubsuit (\star \clubsuit \blacktriangle) = ?$$

Yukarıdaki tabloda ♣ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ♣ operation established in the table above, which of the following does the question mark stand for?

- A) ● B) ☆ C) □ D) ▲ E) ⊕

4.

☐	✈	☹	☹	✌	☐
✈	☹	☹	✌	☐	✈
☹	☹	✌	☐	✈	☹
☹	✌	☐	✈	☹	☹
✌	☐	✈	☹	☹	✌
☐	✈	☹	☹	✌	☐

$$[(\square \text{☹} \text{☹}) \text{☹} (\text{✈} \text{✌} \text{✌})] \text{☹} (\text{☹} \text{☹} \text{?}) = \square$$

Yukarıdaki tabloda ☐ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ☐ operation established in the table above, which of the following does the question mark stand for?

- A) ✈ B) ☹ C) ☹ D) ✌ E) ☐

5.

◇	⊙	■	⊗	●	▽
⊙	⊗	●	▽	⊙	■
■	●	▽	⊙	■	⊗
⊗	▽	⊙	■	⊗	●
●	⊙	■	⊗	●	▽
▽	■	⊗	●	▽	⊙

$$\left(\left(\blacksquare \diamond \odot \right) \diamond \otimes \right) \diamond \left(\left(\bullet \diamond \blacksquare \right) \diamond \odot \right) \diamond \bullet = ?$$

Yukarıdaki tabloda ◇ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ◇ operation established in the table above, which of the following does the question mark stand for?

- A) ⊙ B) ■ C) ⊗ D) ● E) ▽

6.

★	📺	🗑️	📄	✖	🌸
📺	🗑️	📄	✖	🌸	📺
🗑️	📄	✖	🌸	📺	🗑️
📄	✖	🌸	📺	🗑️	📄
✖	🌸	📺	🗑️	📄	✖
🌸	📺	🗑️	📄	✖	🌸

$$\left(\left(\text{🌸} \star \text{🗑️} \right) \star \left(\text{📺} \star \text{✖} \right) \right) \star \left(\text{📄} \star ? \right) = \text{🌸}$$

Yukarıdaki tabloda ★ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ★ operation established in the table above, which of the following does the question mark stand for?

- A) 📺 B) 🗑️ C) 📄 D) ✖ E) 🌸

7.

✂	👤	☯	🐍	🕯	✉
👤	🕯	✉	👤	☯	🐍
☯	✉	👤	☯	🐍	🕯
🐍	👤	☯	🐍	🕯	✉
🕯	☯	🐍	🕯	✉	👤
✉	🐍	🕯	✉	👤	☯

$$\left(\left(\odot \otimes \text{🐍} \right) \otimes \text{✉} \right) \otimes \left(\left(\text{🕯} \otimes \text{👤} \right) \otimes \odot \right) = ?$$

Yukarıdaki tabloda ⊗ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ⊗ operation established in the table above, which of the following does the question mark stand for?

- A) 🕯 B) ☯ C) 🐍 D) 🕯 E) ✉

8.

♣	★	♠	♠	♠	♠
★	♠	♠	★	♠	♠
♠	♠	★	♠	♠	♠
♠	★	♠	♠	♠	♠
♠	♠	♠	♠	♠	★
♠	♠	♠	♠	★	♠

$$\left(\left(\star \clubsuit \spadesuit \right) \clubsuit ? \right) \clubsuit \left(\spadesuit \clubsuit \spadesuit \right) = \spadesuit$$

Yukarıdaki tabloda ♣ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ♣ operation established in the table above, which of the following does the question mark stand for?

- A) (★ ♣ ♠) B) (★ ♣ ♠) C) (♠ ♣ ♠)
D) (♠ ♣ ★) E) (♠ ♣ ♠)

ŞEKİL İLİŞKİLERİ - TABLO

1.

○	▲	*	●	■
▲	●	■	▲	*
*	■	▲	*	●
●	▲	*	●	■
■	*	●	■	▲

$$[(●○*)] ○ (■○▲) ○ ▲ = ?$$

- A) ○ B) * C) ▲ D) ● E) ■

3.

●	x	□	□	//	⊙
x	//	⊙	x	□	□
□	⊙	x	□	□	//
□	x	□	□	//	⊙
//	□	□	//	⊙	x
⊙	□	//	⊙	x	□

$$[(□ ● ?) ● (□ ● x)] = □$$

- A) x B) □ C) □ D) // ⊙ E) ⊙

2.

⊠	○	△	□	◇	∞
○	△	□	◇	∞	○
△	□	◇	∞	○	△
□	◇	∞	○	△	□
◇	∞	○	△	□	◇
∞	○	△	□	◇	∞

$$[(○ ⊠ △) ⊠ ?] = □$$

- A) ○ B) △ C) □ D) ◇ E) ∞

4.

△	○	+	⊠	×	◁
○	○	+	⊠	×	◁
+	+	⊠	×	◁	○
⊠	⊠	×	◁	○	+
×	×	◁	○	+	⊠
◁	◁	○	+	⊠	×

$$[(◁ △ ×) △ (⊠ △ +)] = ?$$

- A) ○ B) + C) ⊠ D) × E) ◁

5.

■	△	□	✦	+	↶
△	✦	+	↶	△	□
□	+	↶	△	□	✦
✦	↶	△	□	✦	+
+	△	□	✦	+	↶
↶	□	✦	+	↶	△

$[(\triangle \blacksquare \square) \blacksquare (+ \blacksquare ?)] = \square$

- A) △
- B) □
- C) ✦
- D) +
- E) ↶

6.

+	▲	●	■	▶	”
▲	■	▶	”	▲	●
●	▶	”	▲	●	■
■	”	▲	●	■	▶
▶	▲	●	■	▶	”
”	●	■	▶	”	▲

$[(\text{”} + \text{▶}) + (\text{”} + \text{▶})] + ? = \blacksquare$

- A) ▲
- B) ●
- C) ■
- D) ▶
- E) ”

7.

♥	⊕	☀	↶	✦	⊕
⊕	☀	↶	✦	⊕	⊕
☀	↶	✦	⊕	☀	☀
↶	✦	⊕	☀	☀	↶
✦	⊕	☀	☀	↶	✦
⊕	☀	☀	↶	✦	⊕

$[(? \heartsuit \oplus) \heartsuit (\heartsuit \heartsuit \heartsuit)] = [(\heartsuit \heartsuit \oplus)]$

- A) ⊕
- B) ☀
- C) ↶
- D) ✦
- E) ⊕

8.

△	●	■	▲	X	○
●	▲	X	○	●	■
■	X	○	●	■	▲
▲	○	●	■	▲	X
X	●	■	▲	X	○
○	■	▲	X	○	●

$[(\bullet \triangle \blacktriangle) \triangle (\circ \triangle X)] \triangle \blacksquare = (\bullet \triangle ?)$

- A) ●
- B) ■
- C) ▲
- D) X
- E) ○

1.

↑	▲	●	△
×	●	□	●
×	△	●	△
→	∨	∧	□

↓

A	
●	
B	●

C	●
C	B

	A	B	C
A)	▲	□	●
B)	▲	△	×
C)	▲	□	×
D)	□	→	×
E)	▲	△	□

2.

△	↔	●	⊙
○	⊙	↔	●
⊙	△	●	⊙

*	/		×
∨		?	▲
×	*		×

A)

	*
∨	/
	*

B)

	▲
×	/
	▲

C)

	∨
×	/
	∨

D)

	▲
∨	/
	▲

E)

	▲
*	/
	▲

3.

●	⊗	↗	□
↔	●	⊗	↗
●	⊗	↗	□

⊙	▲	○	⊙
∨		?	○
⊙	▲		⊙

A)

⊙	○
	▲

B)

⊙	⊙
	▲

C)

⊙	▲
	○

D)

⊙	▲
	○

E)

○	▲
	⊙

4.

⊗	⊙	⊗	↑
⊙	↑	⊙	↑
⊗	⊙	⊗	⊙
⊙	⊗	⊙	⊗

A = ↑
B = ?
C = ?
D = ?

D	C
C	A

⊗	B
---	---

	B	C	D
A)	⊙	⊗	⊗
B)	⊙	⊙	⊗
C)	⊙	⊙	⊗
D)	⊙	⊙	⊙
E)	⊗	⊙	⊗

5.

●	□	→	□
□	●	→	●
◎	□	●	→
☆	◎	☆	☆

⇒ A = ?
B = ?
C = ?

A
A
B
●

A	B
A	C

- | | A | B | C |
|----|---|---|---|
| A) | ◎ | □ | ● |
| B) | → | □ | ● |
| C) | → | ◎ | ☆ |
| D) | ◎ | ☆ | → |
| E) | → | □ | ☆ |

6.

●	x	□	x
♣	●	x	□
♣	♣	♣	◆
☞	♣	☞	◆

⇒ C = ?
D = ?

B	
A	
A	A

C	
B	D

- | | C | D |
|----|---|---|
| A) | □ | x |
| B) | ◆ | x |
| C) | ◆ | ♣ |
| D) | ◆ | ☆ |
| E) | □ | ♣ |

7.

△	\$	△	≥
\$	△	\$	≥
●	☞	●	☞

□	▲	□	△
▲		▲	△
↗	?		○

- A)

□	
↗	▲

B)

□	
○	↗

C)

○	
↗	△
- D)

□	
○	△

E)

▲	
△	○

8.

●	☞	●
☞	●	☞
Υ	☞	Υ
☞	Υ	☞

🔒	○	🔒
❖	🔒	❖
?		🔒
	🔒	🔒

- A)

○	🔒
❖	

B)

🔒	❖
🔒	

C)

❖	🔒
🔒	
- D)

🔒	○
❖	

E)

❖	○
🔒	

ŞEKİL İLİŞKİLERİ - TABLO

1.

●	◇	+	●	●
◇	□	◇	+	?
+	●	□	□	□
◇	□	+	+	+
◇	?	+	+	

- A) ●, □ B) □, ◇ C) ◇, ◇
D) ◇, + E) □, +

3.

★	■○	△□	△■	○▲
△■	□	▲	▲□	-
▲●	-	-	-	△
○□	●	■	-	?

- A) - B) ■ C) ● D) ○ E) □

2.

□	■▲	★▲	▲★
●▲	●■	●★	★■●
★▲○	★○■	○	○■
■○	▲○	?	○★▲

- A) ○▲ B) ■○★▲ C) ■○★
D) ▲■ E) ○★

4.

★	△	□	○
□	○	○	□
△	?	○	△

- A) △ B) □ C) ○ D) ○ E) ○

5.

x			
I	3	1	K
II	6	M	8
III	L	3	6

⇒ K = ?
L = ?
M = ?

7.

I	2	M	0
II	3	4	L
III	K	0	2

⇒ K = ?
L = ?
M = ?

	K	L	M
A)	2	3	4
B)	2	6	4
C)	6	3	4
D)	6	3	2
E)	6	6	2

	K	L	M
A)	2	5	0
B)	0	5	2
C)	0	5	0
D)	2	2	0
E)	2	0	0

6.

I	2	0	0
II	0	0	4
III	0	6	1

I = 0
II = ?
III = ?

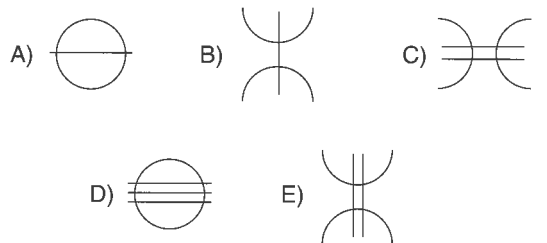
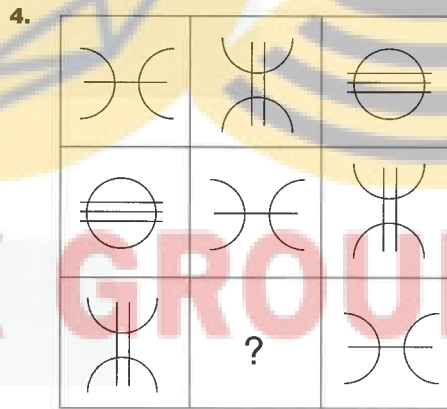
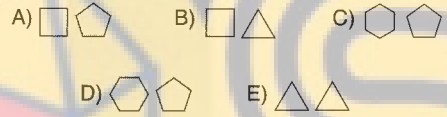
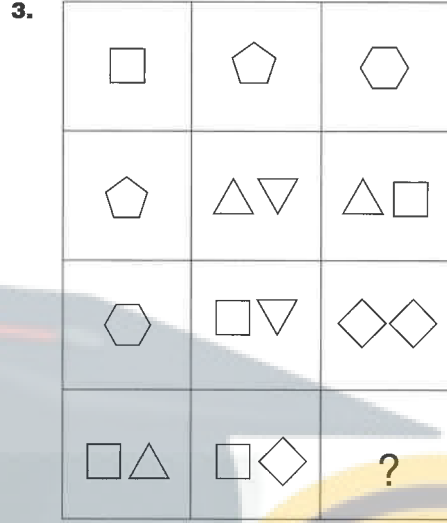
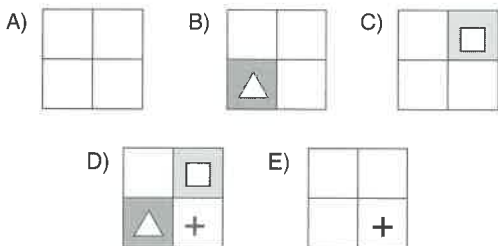
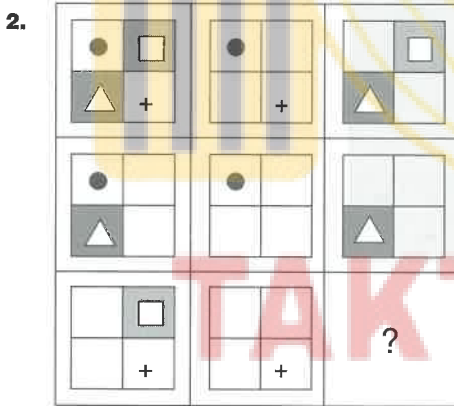
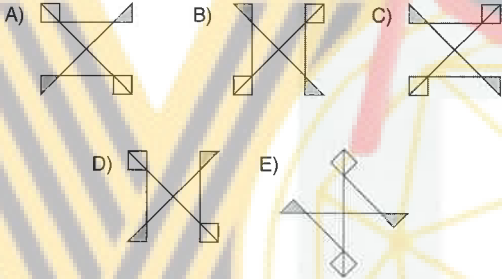
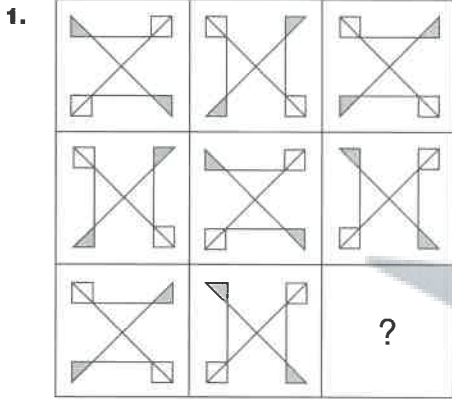
	II	III
A)	○	△
B)	△	□
C)	□	△
D)	△	○
E)	□	○

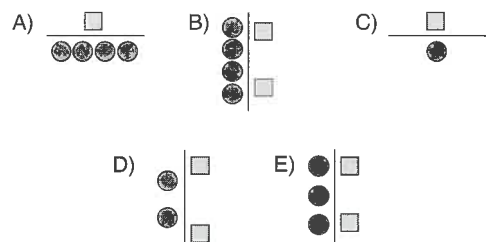
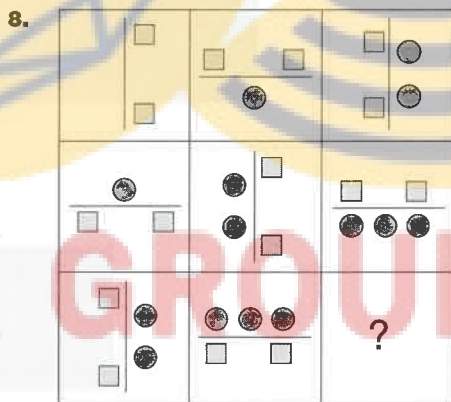
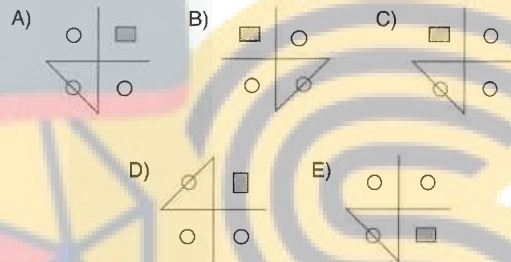
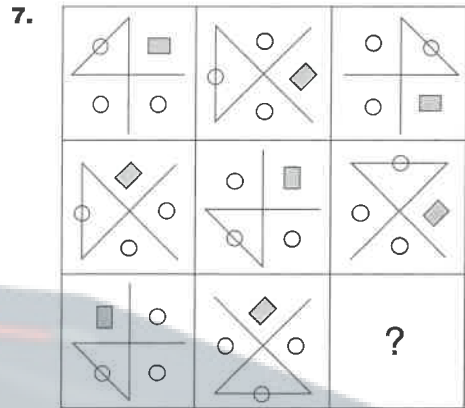
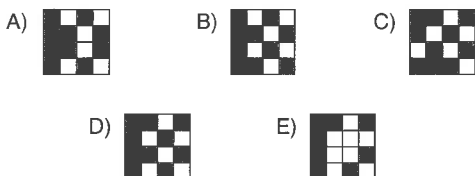
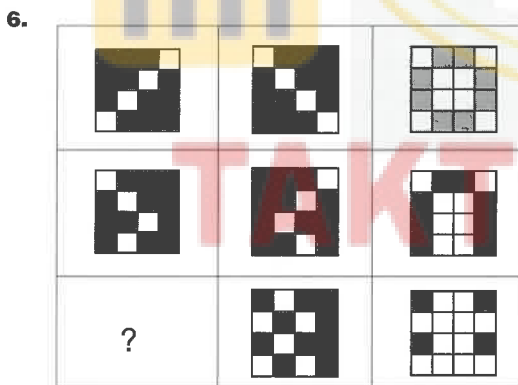
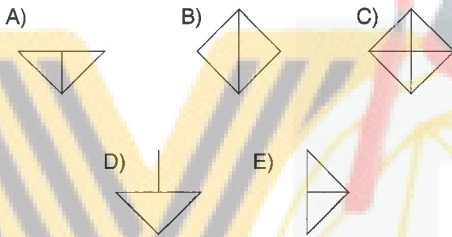
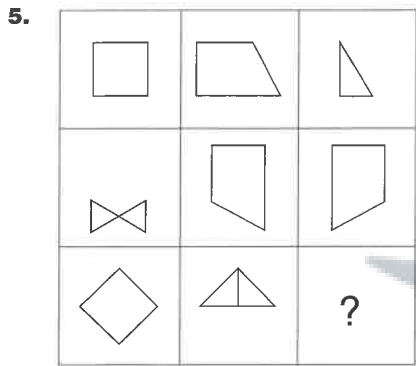
8.

⊗	⊙	⊗	●	⊙	●
●	△	●	×	■	△×■
+	×	×	▲	▲	?

A) + B) ×▲ C) × D) ▲ E) +▲×

ŞEKİL İLİŞKİLERİ - TABLO





1.

		?

A)

B)

C)

D)

E)

2.

			?

A)

B)

C)

D)

E)

3.

		?

A)

B)

C)

D)

E)

4.

		?	

A)

B)

C)

D)

E)

5.

		?

- A)
- B)
- C)
- D)
- E)

6.

		?

- A)
- B)
- C)
- D)
- E)

7.

	*	▲	●
	K	L	M

K = ? L = ? M = ?

- | | K | L | M |
|----|---|---|---|
| A) | | | |
| B) | | | |
| C) | | | |
| D) | | | |
| E) | | | |




8.

	18	22	K
	24	L	22
	M	20	14




K + L + M = ?


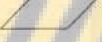

- A) 36 B) 44 C) 52 D) 60 E) 78




1.




				
I	0	2	0	I = ○
II	3	1	4	II = ?
III	2	0	0	III = ?
IV	0	0	2	IV = ?




II III IV

A)   

B)   

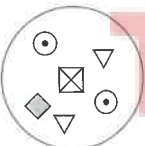
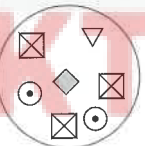
C)   

D)   

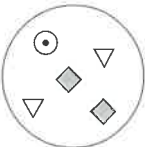
E)   

2.

I III




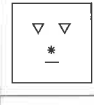




 ⇒ 1, 2, 1, 2  ⇒ ?




II


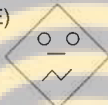
 ⇒ 0, 1, 2, 2

- A) 3, 2, 1, 1 B) 3, 1, 2, 1 C) 2, 1, 3, 1
D) 2, 1, 1, 3 E) 1, 3, 1, 2

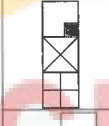

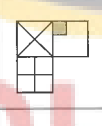
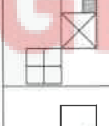
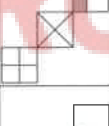
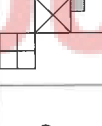

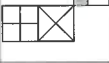
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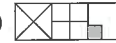

		
		
		?



A)  B)  C) 

D)  E) 

4.

		
		
		?

A)  B)  C) 

D)  E) 

5.

	I	II	III	
	K			K=?
		L		L=?
			M	M=?

	K	L	M
A)			
B)			
C)			
D)			
E)			

6.

		?

A)

B)

C)

D)

E)

7.

		?

A)

B)

C)

D)

E)

8.

I	K	0	1	K=?
II	2	L	2	L=?
III	1	1	M	M=?

	K	L	M
A)	1	2	4
B)	0	2	1
C)	1	4	1
D)	1	2	0
E)	0	4	0

1.

I	4	3	0
II	1	0	1
III	0	6	0
IV	0	0	2

I =

II = ?

III = ?

IV = ?

- A)
- B)
- C)
- D)
- E)

2.

●	.	●	□
.	□	.	+
Δ	+	●	▲
-	Δ	Δ	Σ

I

A
.
A B

II

C	+
D	C

A = ●, B = ▲ C = ?, D = ?

- C D
- A) - Δ
- B) x ●
- C) - +
- D) Δ -
- E) Δ ●

3.

I.

⊗	△	*	⊞
□	⊗	△	*
⊗	△	*	⊞

II.

●	⊙		▲
⊞		?	+
●	⊙		▲

I. şekilde belirlenen kurala göre, II. şekilde soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

Given the relationship established in figure I, which of the following does the question mark stand for in figure II?

- A)
- B)
- C)
- D)
- E)

4.

⊗	N	Δ	ε	*	V
N	*	V	N	Δ	ε
Δ	V	N	Δ	ε	*
ε	N	Δ	ε	*	V
*	Δ	ε	*	V	N
V	ε	*	V	N	Δ

$((\Delta \otimes \epsilon) \otimes V) \otimes ((* \otimes N) \otimes \Delta) = ?$

- A) N B) Δ C) ε D) * E) V

5.

⊙	Δ	□	Σ	●	Z
Δ	□	Σ	●	Z	Δ
□	Σ	●	Z	Δ	□
Σ	●	Z	Δ	□	Σ
●	Z	Δ	□	Σ	●
Z	Δ	□	Σ	●	Z

$[(Z \odot \square) \odot (\Delta \odot \bullet)] \odot (\Sigma \odot ?) = Z$

- A) Δ B) □ C) Σ D) ● E) Z

7.

	?	

- A)
- B)
- C)
- D)
- E)

6.

Δ	□*	⊕Σ	Δ
Σ*	□Σ	*⊕	Σ*Δ
Σ	Σ□*	⊕	ΣΔ
*⊕	⊕□	*Σ	?

- A) Δ* B) Σ⊕ C) Δ*⊕
- D) ⊕* E) ΔΣ

8.

★	⊙	Δ	⊗	⊗	☆
⊙	⊗	⊗	☆	⊙	Δ
Δ	⊗	☆	⊙	Δ	⊗
⊗	☆	⊙	Δ	⊗	⊗
⊗	⊙	Δ	⊗	⊗	☆
☆	Δ	⊗	⊗	☆	⊙

$((\star \star \odot) \star \otimes) \star ((\otimes \star \Delta) \star \odot) \star \otimes = ?$

Yukardaki tabloda ★ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?
According to the rules of ★ operation established in the table above, which of the following does the question mark stand for?

- A) ⊙ B) Δ C) ⊗ D) ⊗ E) ☆

1.

+	○	▽	田	×	◆
○	◆	○	▽	田	×
▽	○	▽	田	×	◆
田	▽	田	×	◆	○
×	田	×	◆	○	▽
◆	×	◆	○	▽	田

$$((\times + \text{田}) + (\blacklozenge + \circ)) + ? + \text{田} = \times$$

Yukarıdaki tabloda + işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of + operation established in the table above, which of the following does the question mark stand for?

- A) ○ B) ▽ C) 田 D) × E) ◆

2.

◆	●△	□○	■△	●□
△●	○△	—	—	○
△□	—	■	△	■
□○	—	●	?	—

Yukarıdaki tabloda ◆ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ◆ operation established in the table above, which of the following does the question mark stand for?

- A) △ B) ■ C) ○ D) □ E) △

3.

		?

- A)
- B)
- C)
- D)
- E)

4.

		?

- A)
- B)
- C)
- D)
- E)

5.

				?
		?		

Yukarıda belirlenen kurala göre soru işaretlerinin yerine aşağıdakilerden hangisi gelmelidir?

According to the rule in the figure above, which of the followings stand for in question marks?

- A)
- B)
- C)
- D)
- E)

6.

Σ	Ω	π	Ψ
∇	Σ	Ω	π
Σ	Ω	π	Ψ

I

	?	?	
		?	

II

I. şekilde belirlenen kurala göre, II. şekilde soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

Given the relationship established in figure I, which of the following does the question mark stand for in figure II?

- A)
- B)
- C)
- D)
- E)

7.

			Ω		
		Ω			
	Ω				
Ω					Ω
				Ω	
			Ω		

$$[(\text{Diagonal line} \square \text{Diamond}) \square (\text{Cross} \square \text{Cup shape})] \square (\Omega \square ?) = \text{Diagonal line}$$

Yukarıdaki tabloda \diamond işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of \diamond operation established in the table above, which of the following does the question mark stand for?

- A)
- B)
- C) Ω
- D)
- E)

8.

H	
H	G

S	
P	S

$$H = \text{Star}, G = \text{Cup shape}$$

$$S = ?, P = ?$$

I ve II, yukarıdaki tablonun farklı birer parçasıdır. Buna göre, II'deki S ve P nin yerine aşağıdakilerden hangisi gelmelidir?

I and II are two different parts of the table above. Which of the following do S and P stand for in II?

- | | | |
|----|---|---|
| | S | P |
| A) | | |
| B) | | |
| C) | | |
| D) | | |
| E) | | |

1.

♣	Σ	И	Ω	ς	V
Σ	Ω	ς	V	Σ	И
И	ς	V	Σ	И	Ω
Ω	V	Σ	И	Ω	ς
ς	Σ	И	Ω	ς	V
V	И	Ω	ς	V	Σ

$$[(\Omega \clubsuit \text{И}) \clubsuit \Sigma \clubsuit ((\rho \clubsuit V) \clubsuit \Omega)] = ?$$

Yukarıdaki tabloda ♣ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ♣ operation established in the table above, which of the following does the question mark stand for?

- A) Σ B) И C) Ω D) ς E) V

2.

⊗	┌	└	*	∇	◐
┌	└	*	∇	◐	┌
└	*	∇	◐	┌	└
*	∇	◐	┌	└	*
∇	◐	┌	└	*	∇
◐	┌	└	*	∇	◐

$$((\triangle \otimes \text{H}) \otimes (\nabla \otimes *)) \otimes ? \otimes \text{H} = \text{H}$$

Yukarıdaki tabloda ⊗ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ⊗ operation established in the table above, which of the following does the question mark stand for?

- A) ┌ B) └ C) * D) ∇ E) ◐

3.

*	○	⊗	○
x	◆	*	◆
x	○	⊗	+
○	⊗	+	◆

I

L
K * K
L

K = ◆ L = ⊗

II

M	N
M	N ◆

M = ? N = ?

I ve II, yukarıdaki tablonun farklı birer parçasıdır. Buna göre, II'deki M ve N nin yerine aşağıdakilerden hangisi gelmelidir?

I and II are two different parts of the table above. Which of the following do M and N stand for in II?

	M	N
A)	x	+
B)	+	⊗
C)	◆	□
D)	*	x
E)	⊗	+

4.

✖	◆	▲	◇	⊖	◻	▽	
◻	◆	◻	▲	◇	⊖	▽	◆
⊖	▲	◆	⊖	◇	▲	◻	▽
▽	◇	◆	▲	⊖	⊖	?	

Yukarıdaki tabloda ✖ işleminin kuralları verilmiştir. Buna göre, soru işaretinin yerine hangi şekil gelmelidir?

According to the rules of ✖ operation established in the table above, which of the following does the question mark stand for?

- A) ◻ ◆ B) ▽ ◇ C) ◻ ▽
D) ◆ ▽ E) ◻ ◇

5.

7.

A)

B)

C)

D)

E)

A)

B)

C)

D)

E)

6.

A)

B)

C)

D)

E)

8.

A)

B)

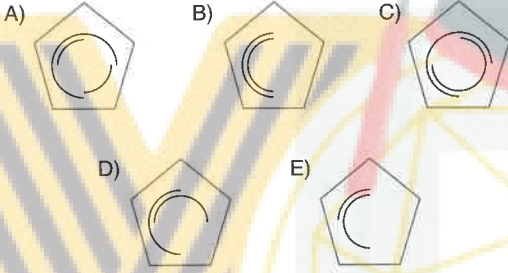
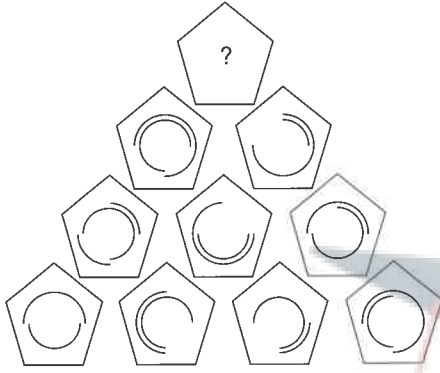
C)

D)

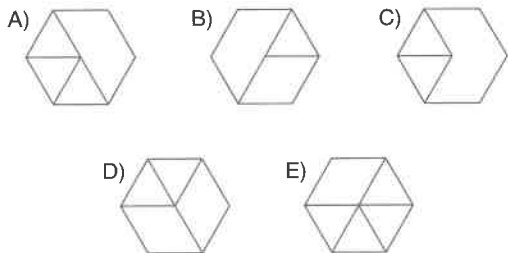
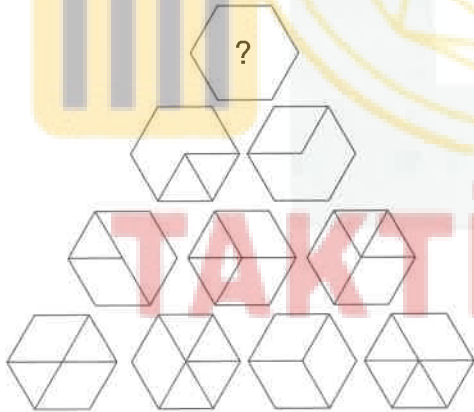
E)

ŞEKİL İLİŞKİLERİ - TABLO

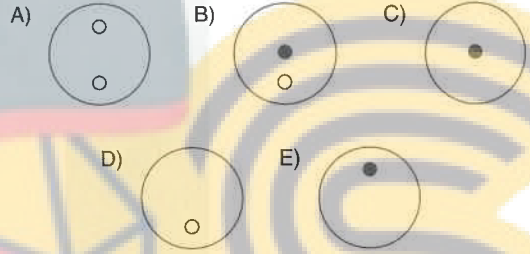
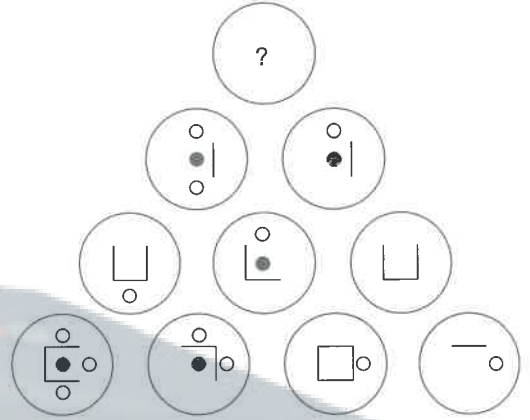
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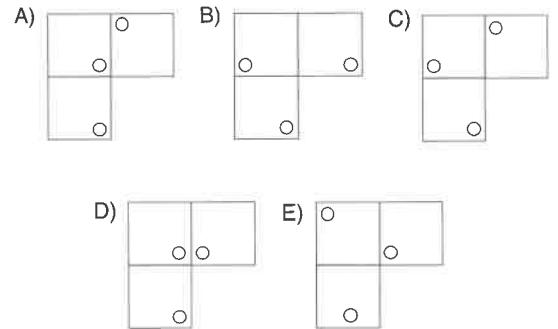
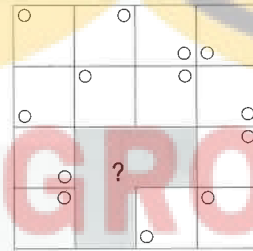
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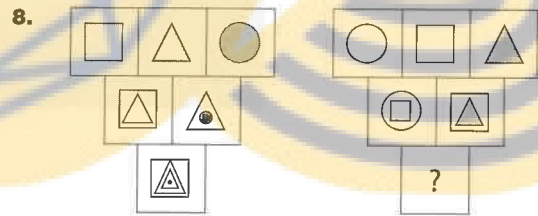
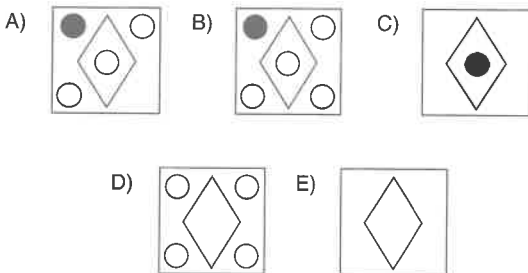
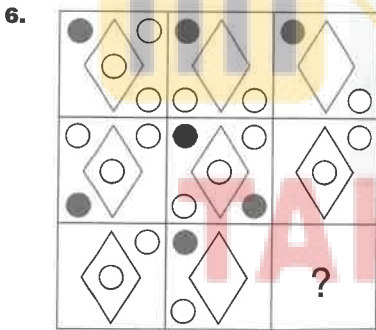
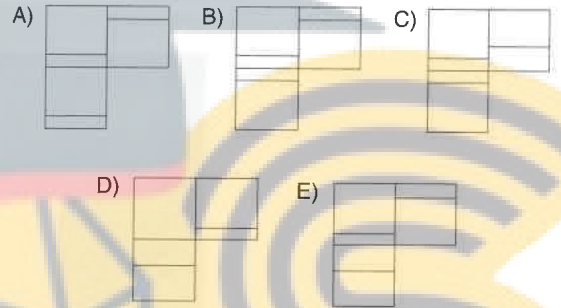
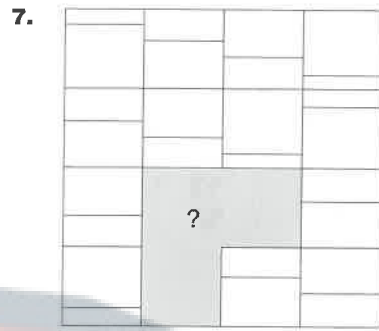
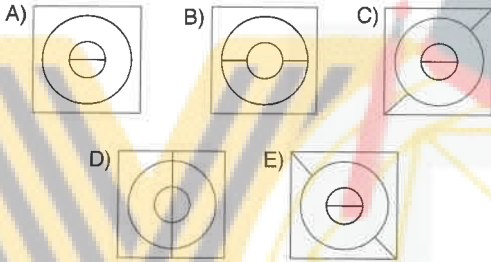
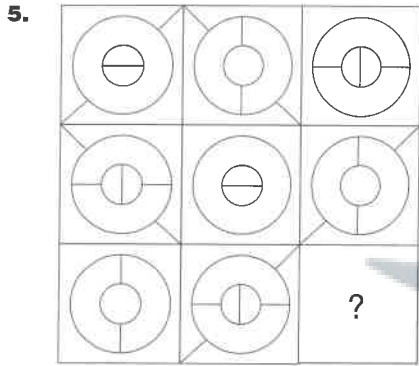


3.



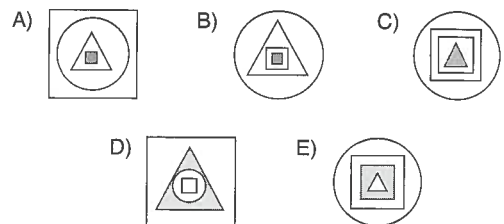
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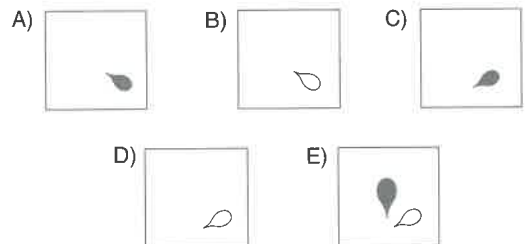
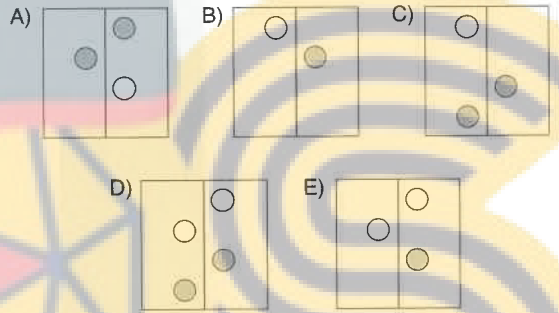
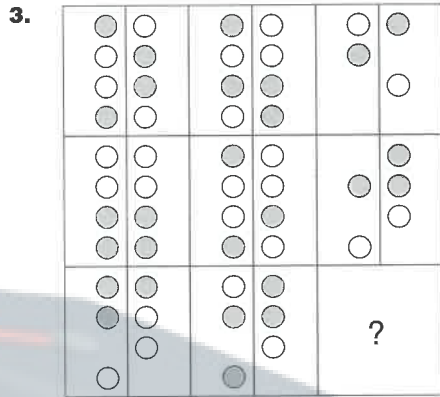
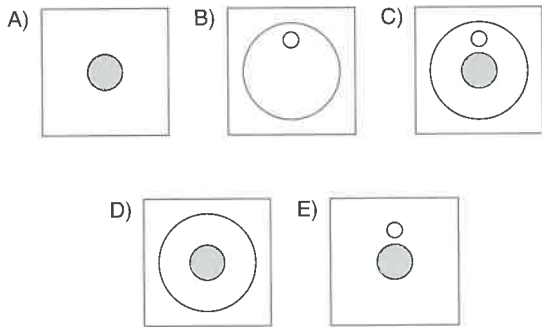
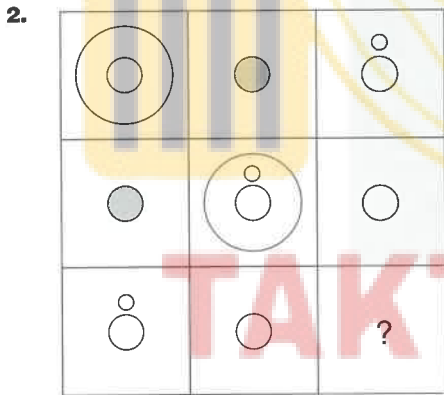
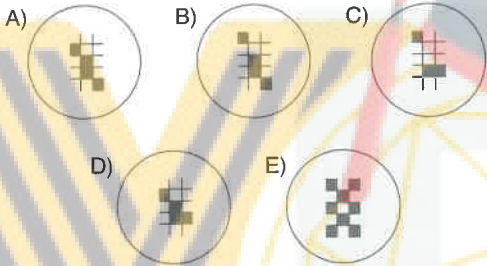
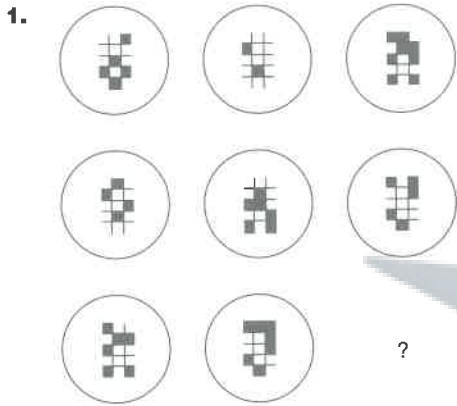


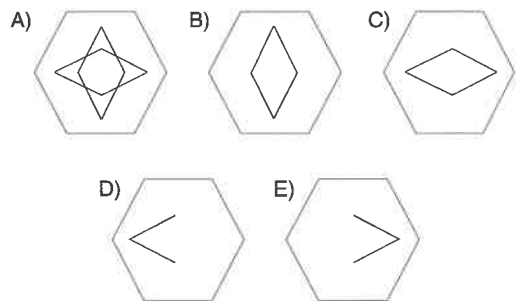
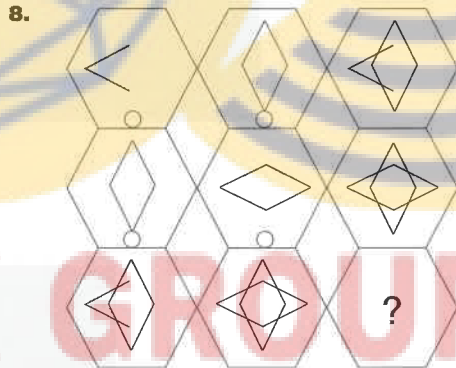
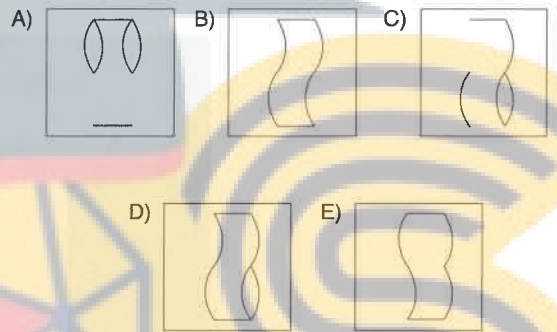
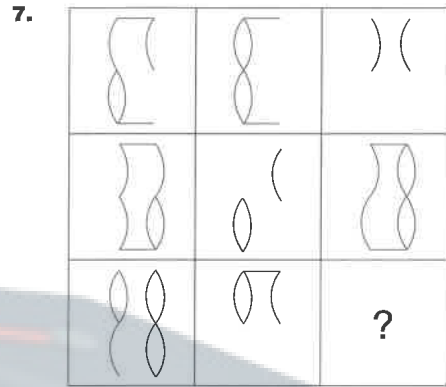
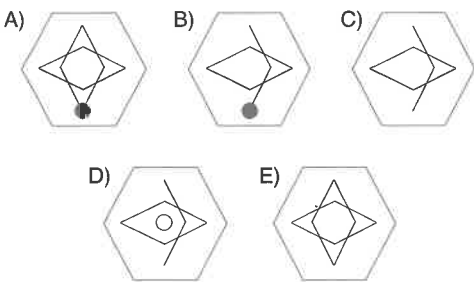
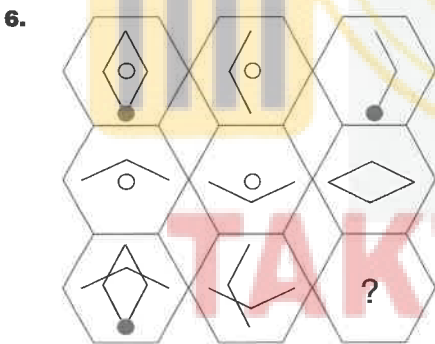
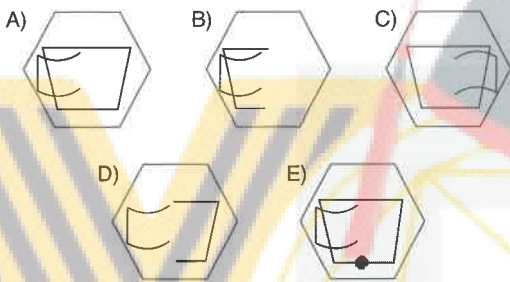
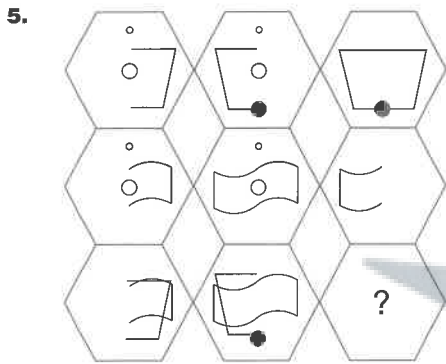


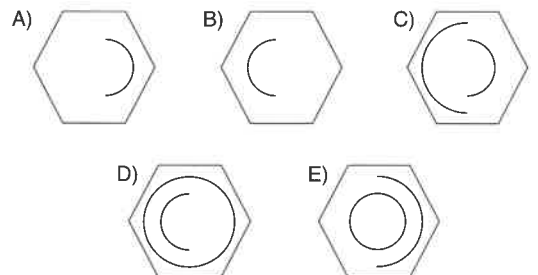
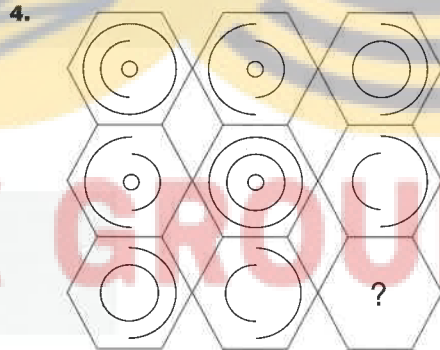
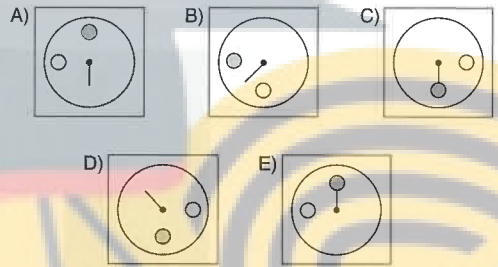
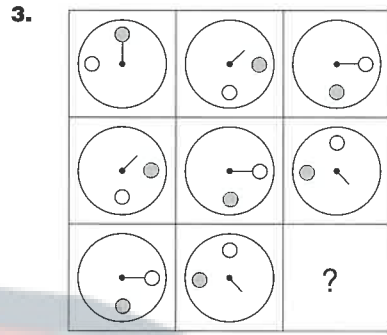
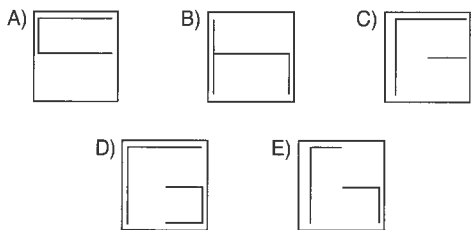
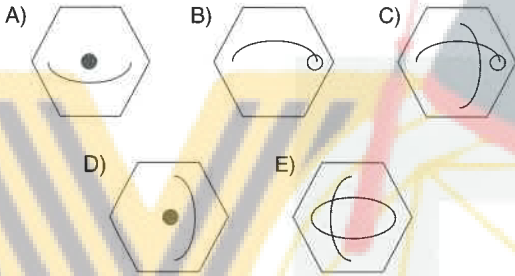
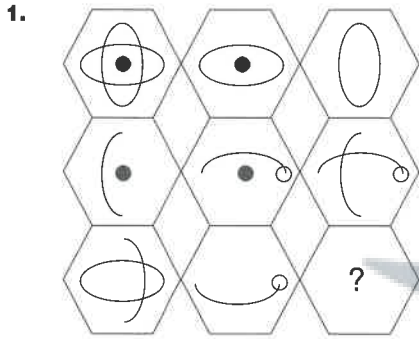
I. Şekilde belirlenen ilişkiye göre, II. şekli aşağıdakilerden hangisi tamamlar?

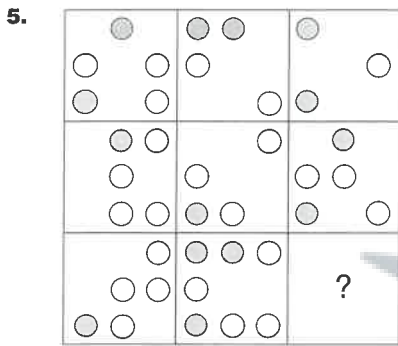
Given the relationship established in I, which of the figures below completes II?



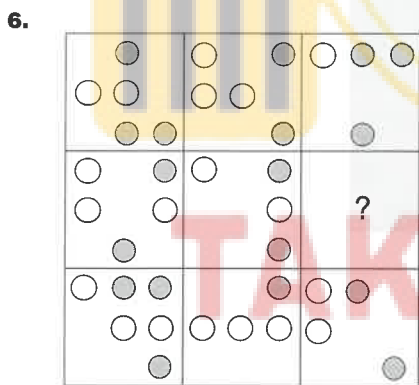




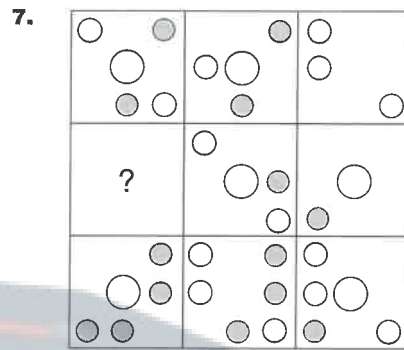




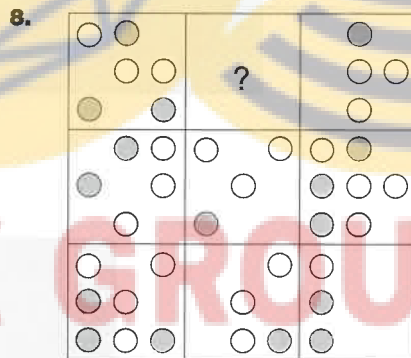
- A)
- B)
- C)
- D)
- E)



- A)
- B)
- C)
- D)
- E)

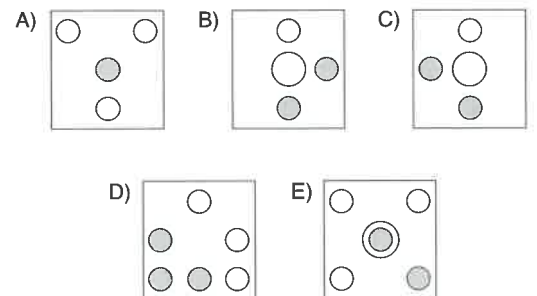
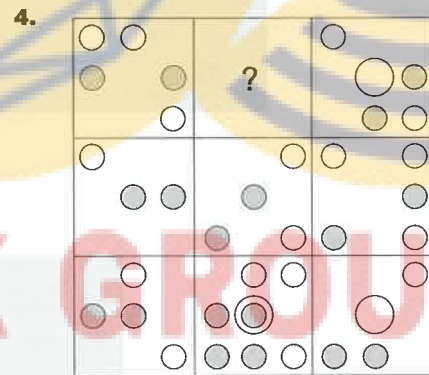
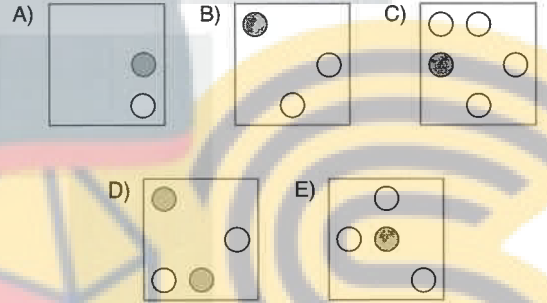
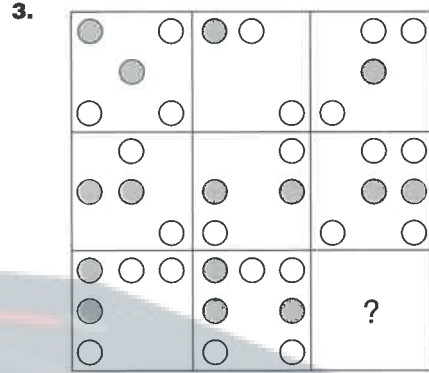
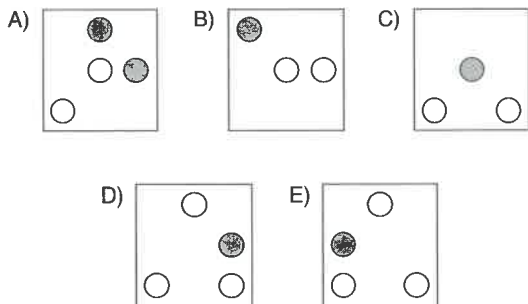
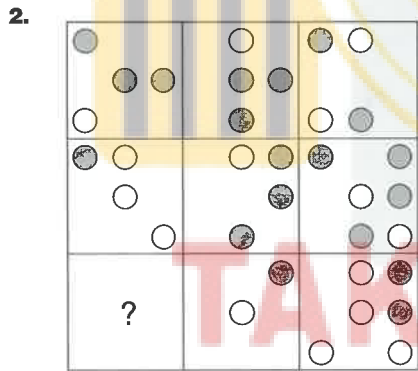
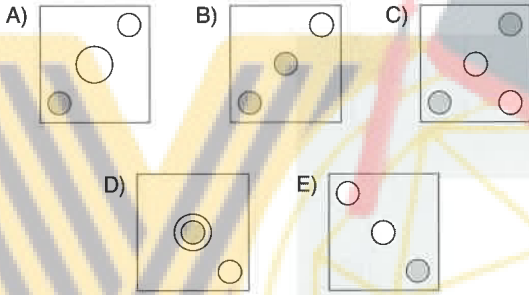
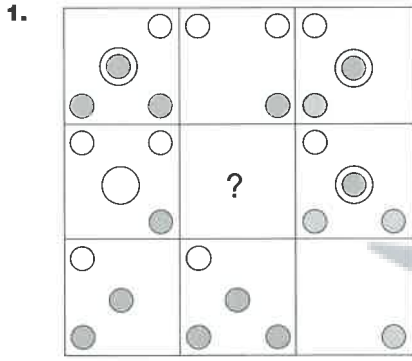


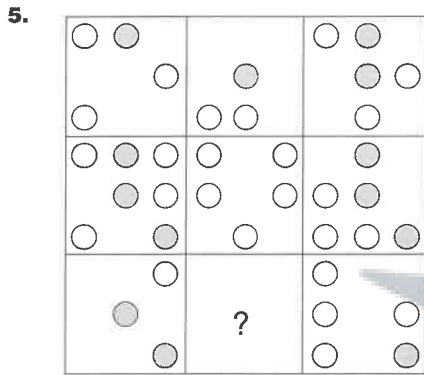
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- B)
- C)
- D)
- E)



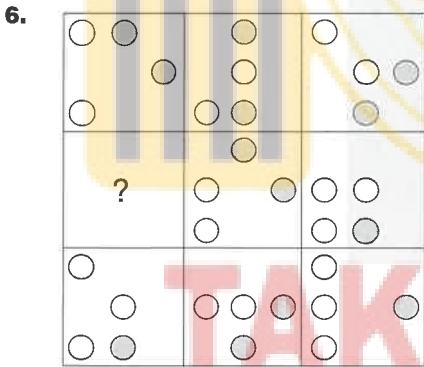
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- B)
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- D)
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ŞEKİL İLİŞKİLERİ - TABLO

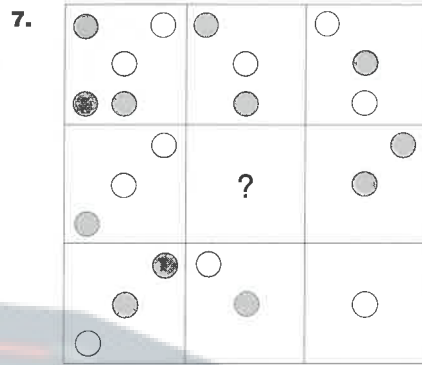




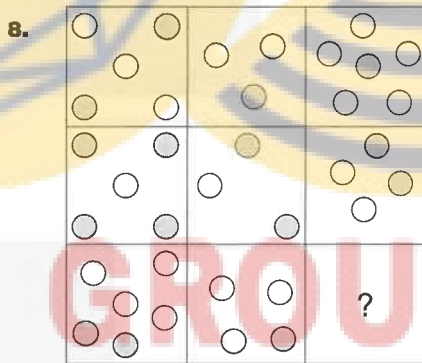
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- D)
- E)



- A)
- B)
- C)
- D)
- E)



- A)
- B)
- C)
- D)
- E)



- A)
- B)
- C)
- D)
- E)

ŞEKİL İLİŞKİLERİ TABLOLAR

FIGURE RELATIONS
TABLES

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8
C	A	B	A	A	E	A	B

TEST 2

1	2	3	4	5	6	7	8
D	E	C	D	E	A	C	A

TEST 3

1	2	3	4	5	6	7	8
E	C	D	B	C	E	A	A

TEST 4

1	2	3	4	5	6	7	8
D	D	C	A	E	A	E	E

TEST 5

1	2	3	4	5	6	7	8
D	C	C	E	C	B	E	D

TEST 6

1	2	3	4	5	6	7	8
D	A	B	A	C	E	E	D

TEST 7

1	2	3	4	5	6	7	8
C	C	B	E	A	E	B	C

TEST 8

1	2	3	4	5	6	7	8
D	E	A	A	B	A	C	B

TEST 9

1	2	3	4	5	6	7	8
B	B	D	C	B	A	B	B

TEST 10

1	2	3	4	5	6	7	8
B	B	C	D	A	B	C	A

TEST 11

1	2	3	4	5	6	7	8
C	C	A	D	D	D	D	B

TEST 12

1	2	3	4	5	6	7	8
A	A	A	D	A	C	C	D

TEST 13

1	2	3	4	5	6	7	8
E	A	B	A	A	E	C	E

TEST 14

1	2	3	4	5	6	7	8
B	D	A	B	E	C	A	A

TEST 15

1	2	3	4	5	6	7	8
C	D	B	D	E	B	E	D

TEST 16

1	2	3	4	5	6	7	8
C	A	E	E	B	A	C	B

TEST 17

1	2	3	4	5	6	7	8
B	E	D	C	E	E	B	C

TEST 18

1	2	3	4	5	6	7	8
D	D	E	D	E	B	C	E

TEST 19

1	2	3	4	5	6	7	8
C	D	A	A	D	C	E	A

TEST 20

1	2	3	4	5	6	7	8
B	D	A	C	E	D	A	E



ŞEKİL İLİŞKİLERİ
SIRALAMA
FIGURE RELATIONS
ORDERING

TAKTİK GROUP

1. I II III IV ?

A) B) C) D) E)

2. I II III IV V ?

A) B) C) D) E)

3. I II III IV V ?

X	+	Z	X	?
-	:	+	-	
Z	:	-	+	
	X	X	Z	
	V	V	V	

A) B) C) D) E)

-	:	X	+	+	:
Z	X	-	:	Z	X
+	V	Z	V	-	V

4. I II III IV V ?

				?

A) B) C) D) E)

5.

I.

II.

III.

IV. ?

A)

B)

C)

D)

E)

7.

I.

II.

III.

IV. ?

A)

B)

C)

D)

E)

6.

I.

II.

III.

→ ?

A)

B)

C)

D)

E)

8.

I.

II.

III.

IV.

V. ?

A)

B)

C)

D)

E)

1.

I II III IV ?

$\frac{1}{6}$ $\frac{1}{3}$ $\frac{1}{2}$?

A) B) C)

$\frac{5}{6}$ $\frac{1}{2}$ $\frac{1}{6}$

D) E)

$\frac{1}{3}$ $\frac{2}{3}$

3.

I II III IV V ?

A) B) C)

D) E)

2.

I II III IV ?

A) B) C)

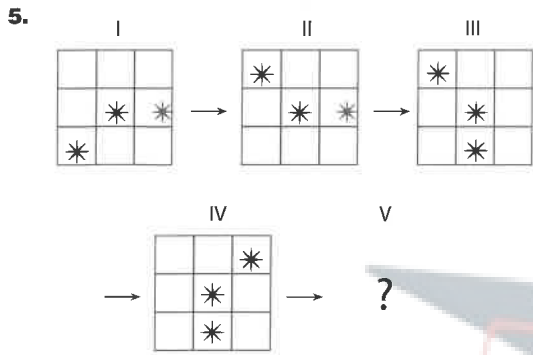
D) E)

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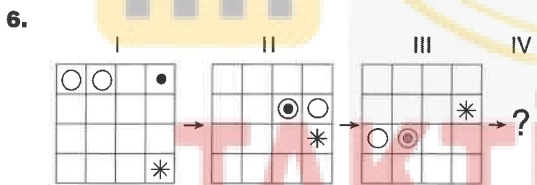
I II III IV ?

A) B) C)

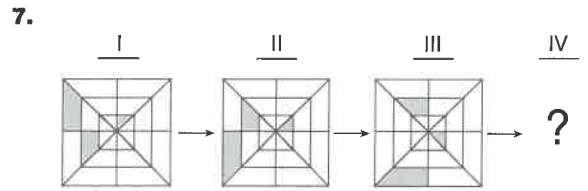
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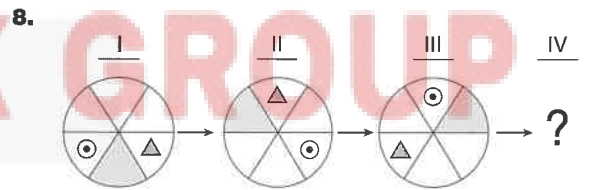
- A)
- B)
- C)
- D)
- E)



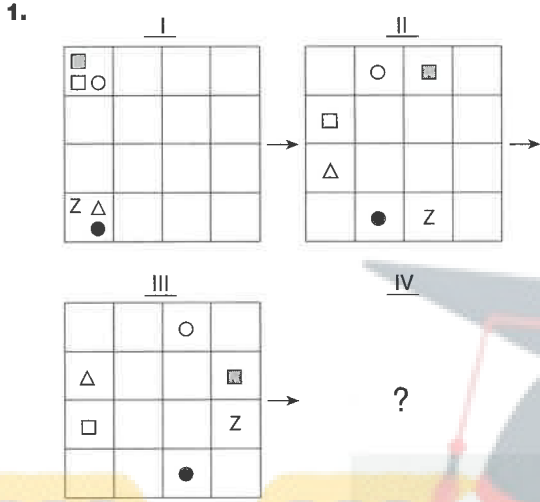
- A)
- B)
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- D)
- E)



- A)
- B)
- C)
- D)
- E)

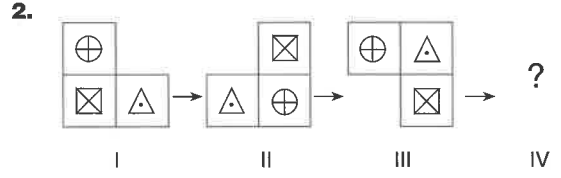
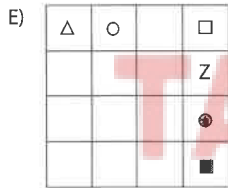
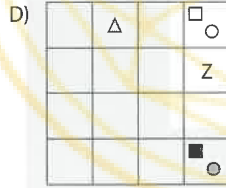
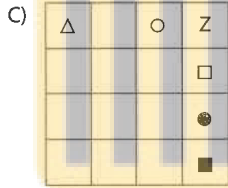
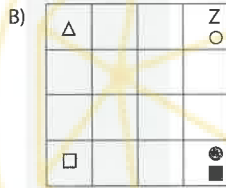
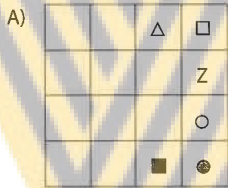


- A)
- B)
- C)
- D)
- E)



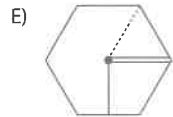
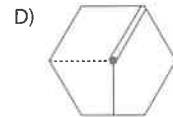
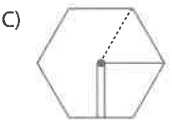
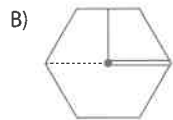
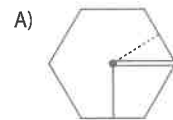
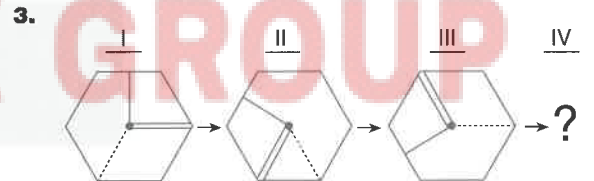
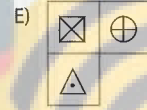
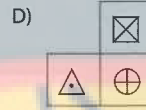
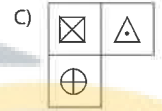
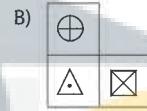
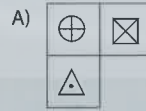
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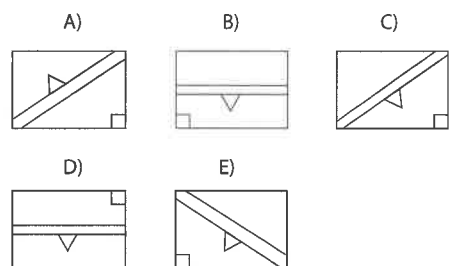
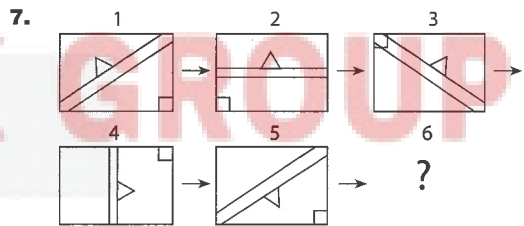
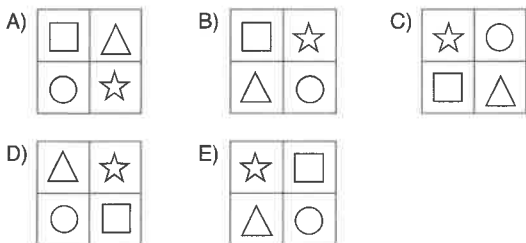
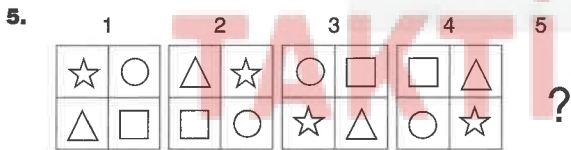
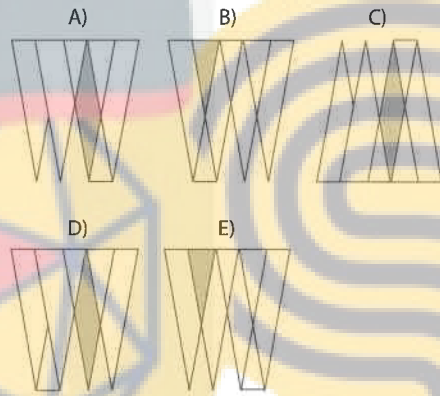
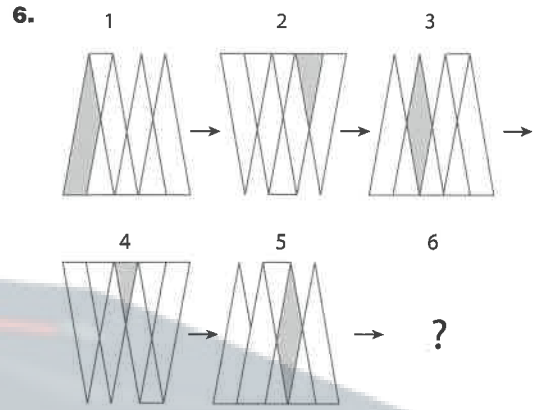
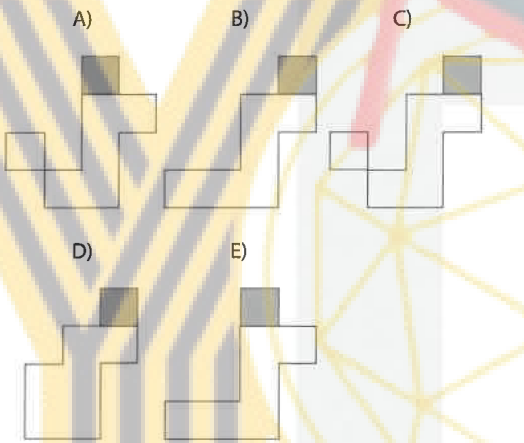
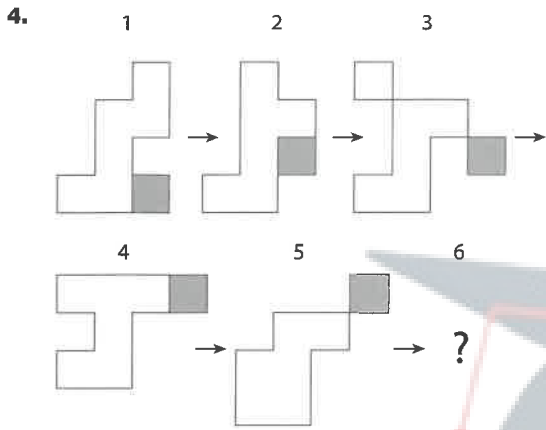
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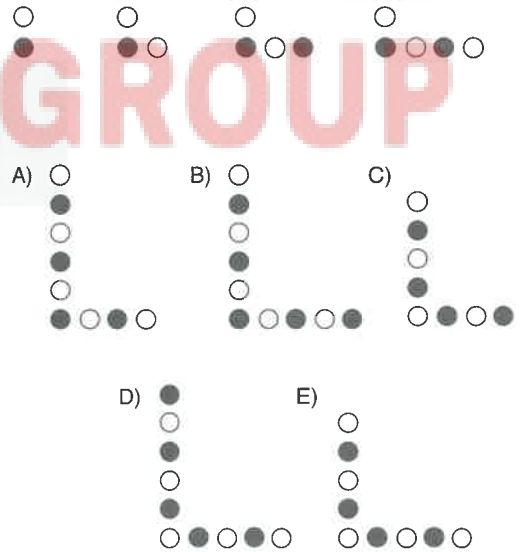
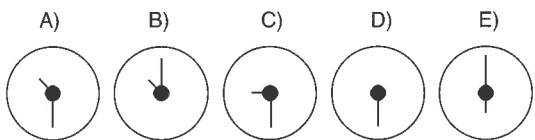
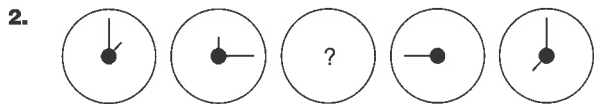
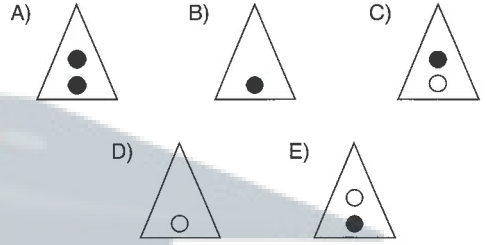
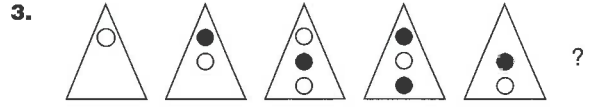
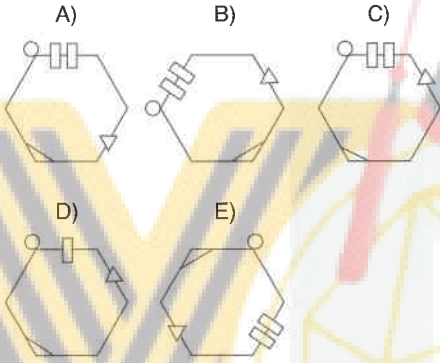
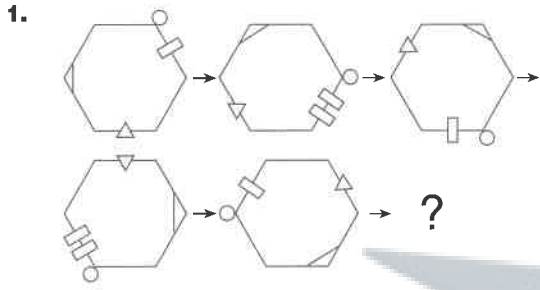
Which figures does the questions mark stand for in the figure sequence above?

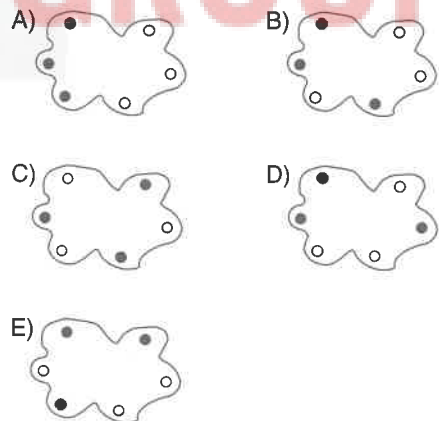
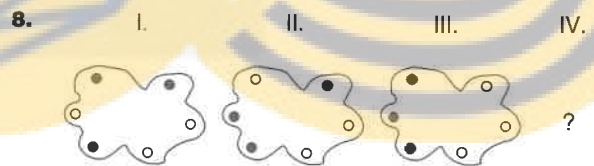
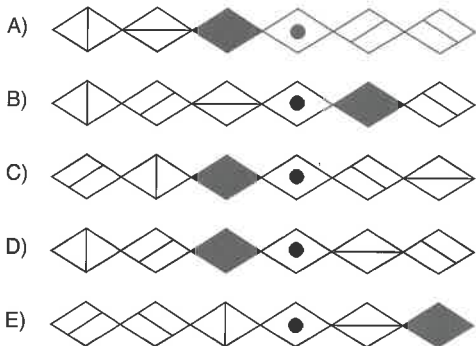
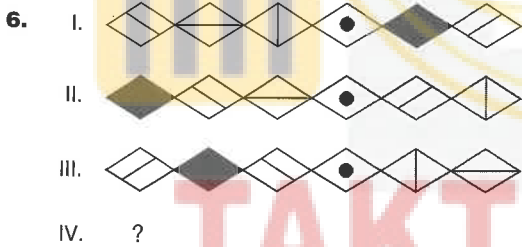
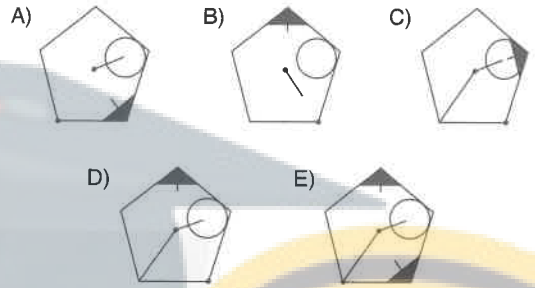
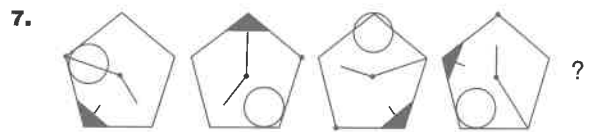
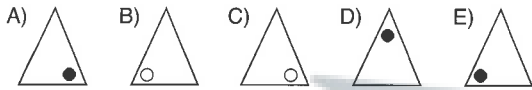
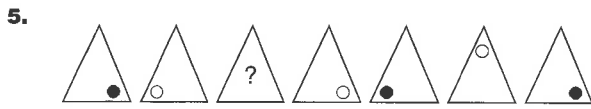




ŞEKİL İLİŞKİLERİ - SIRALAMA

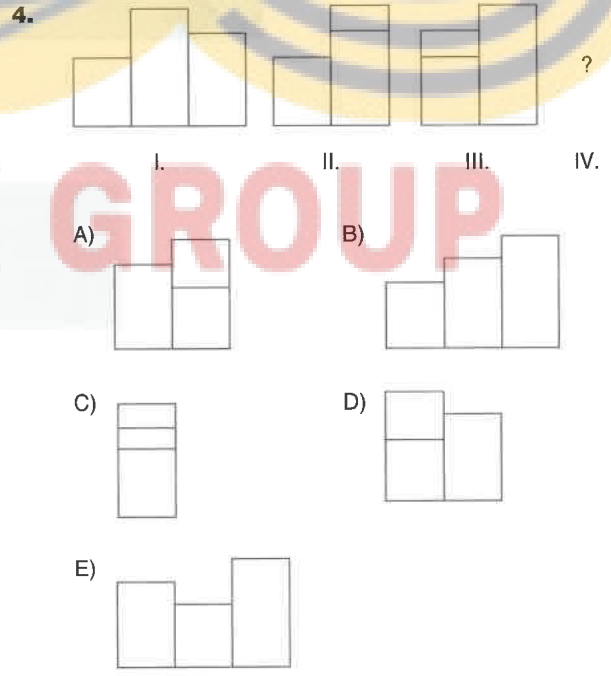
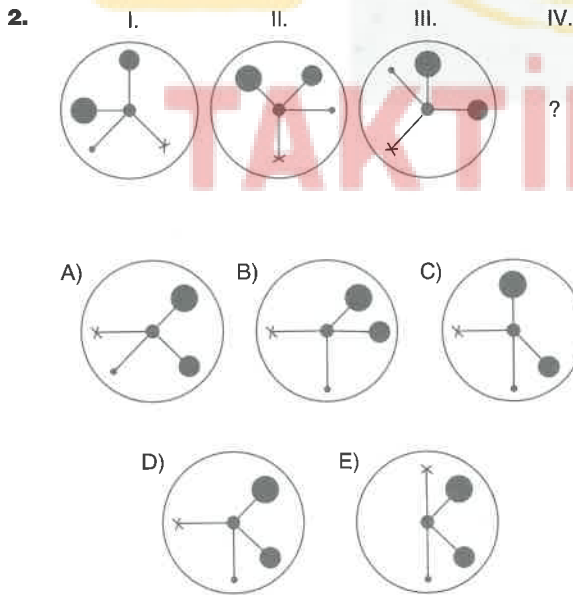
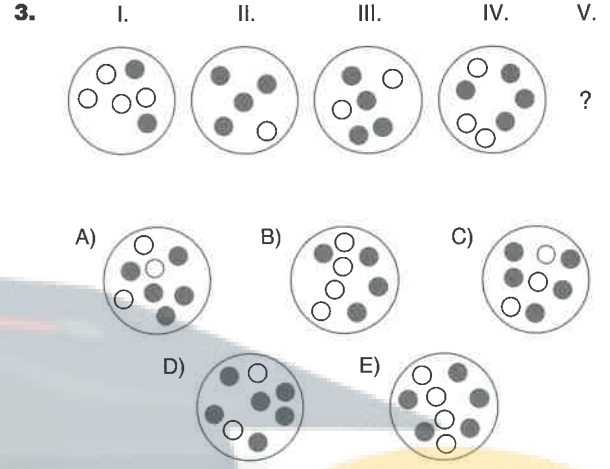
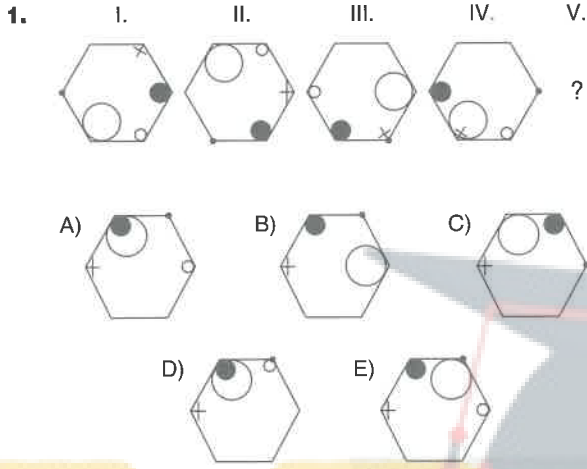
TEST 4





ŞEKİL İLİŞKİLERİ - SIRALAMA

TEST 5



5. I. II. III. IV. ?

A) B) C) D) E)

7. ?

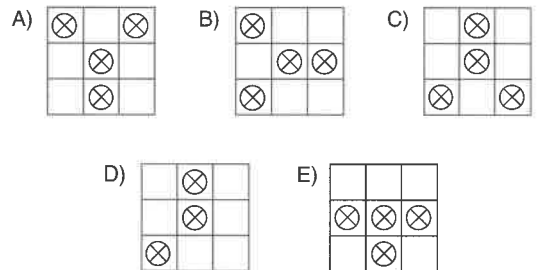
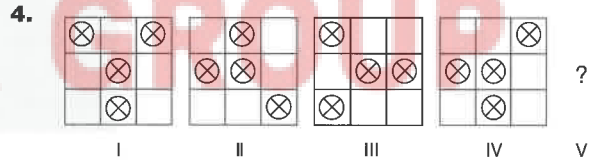
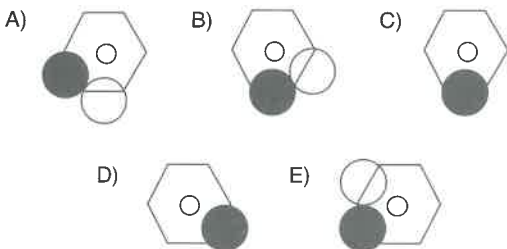
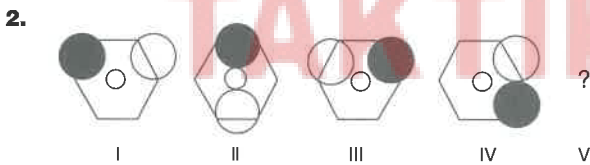
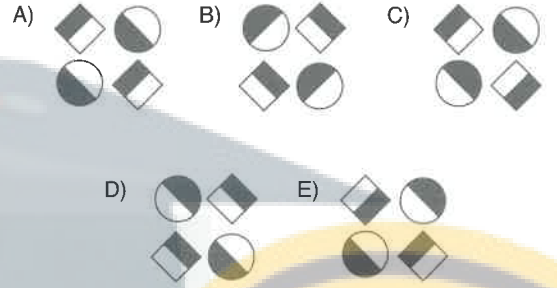
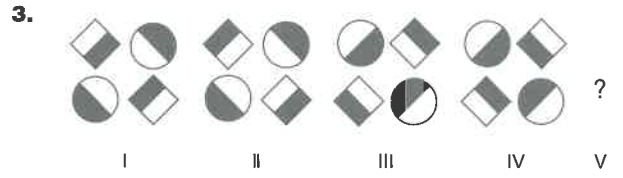
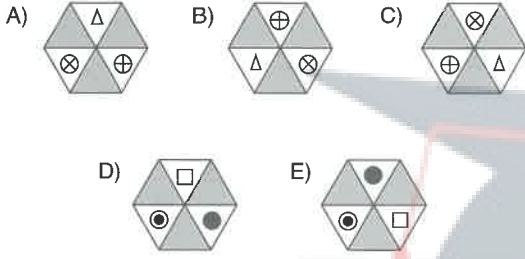
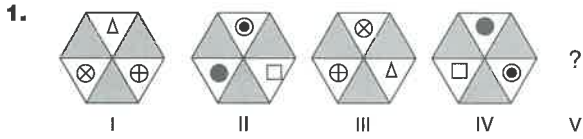
A) B) C) D) E)

6. I. II. III. IV. V. ?

A) B) C) D) E)

8. ?

A) B) C) D) E)



5.

I	II	III	IV

?

A)

B)

C)

D)

E)

7.

				?
I	II	III	IV	V

A)

B)

C)

D)

E)

6.

				?
I	II	III	IV	V

A)

B)

C)

D)

E)

8.

					?
I	II	III	IV	V	VI

A)

B)

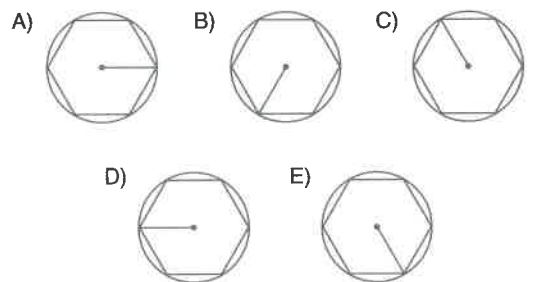
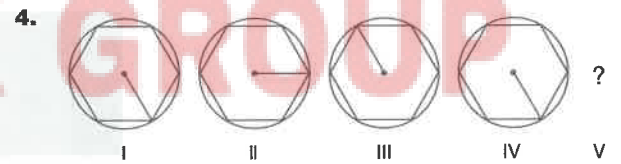
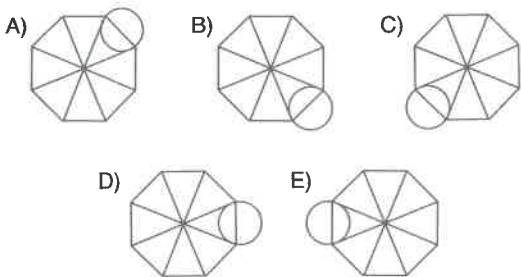
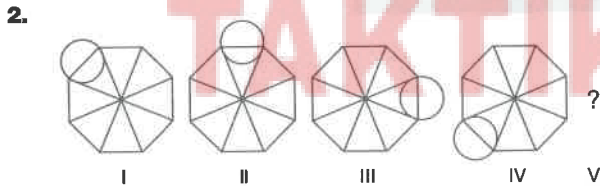
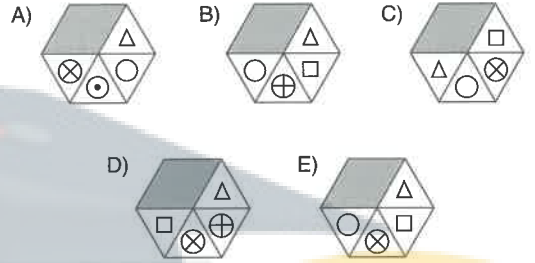
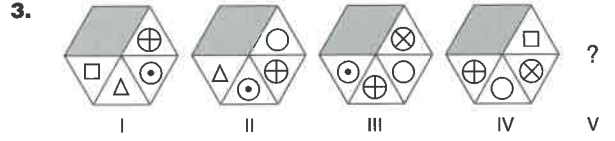
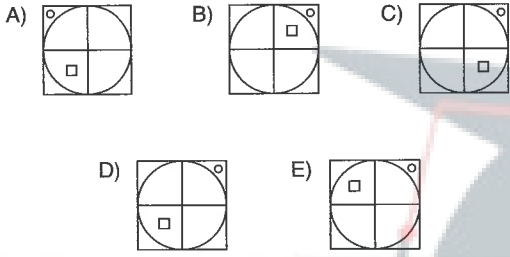
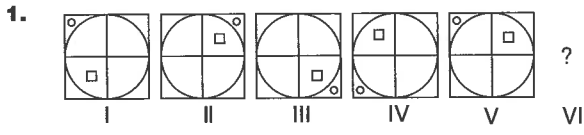
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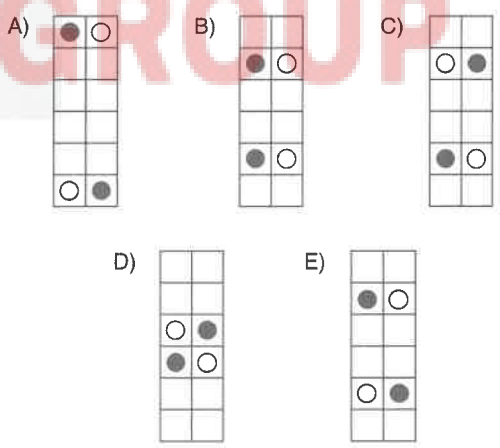
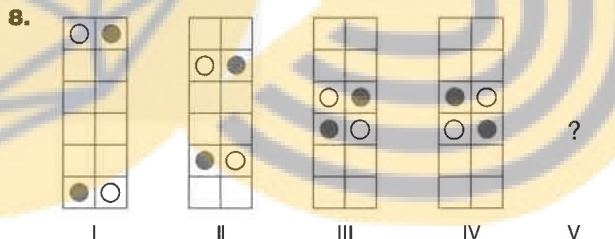
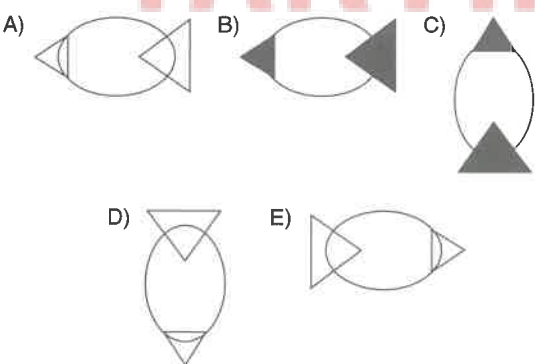
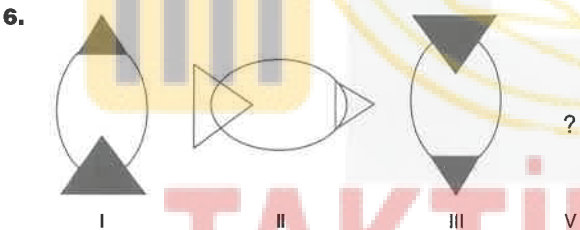
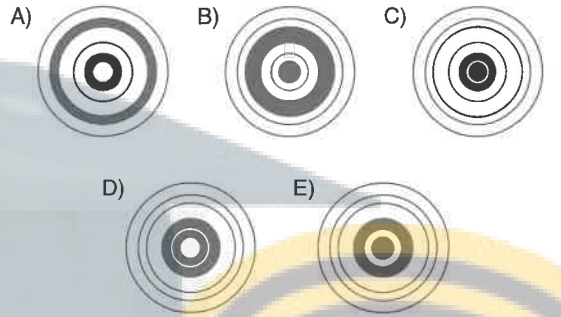
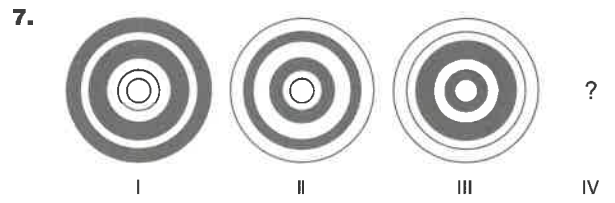
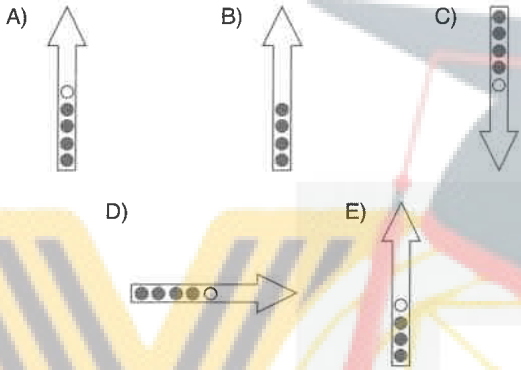
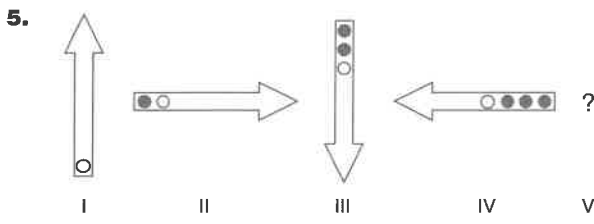
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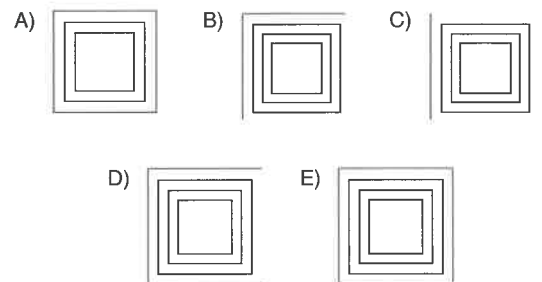
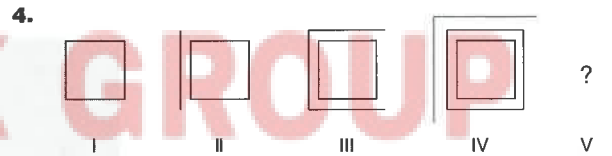
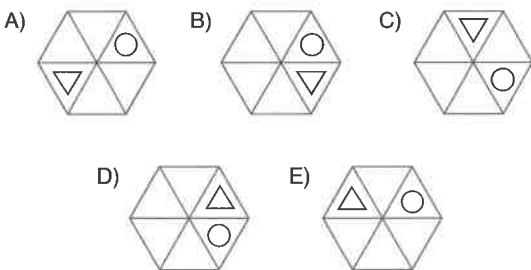
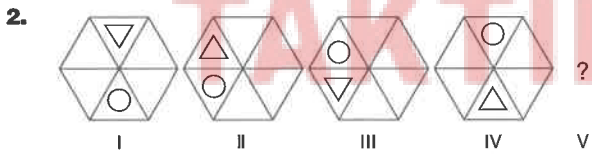
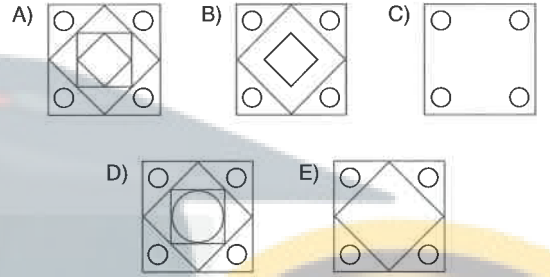
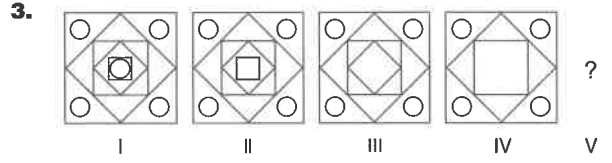
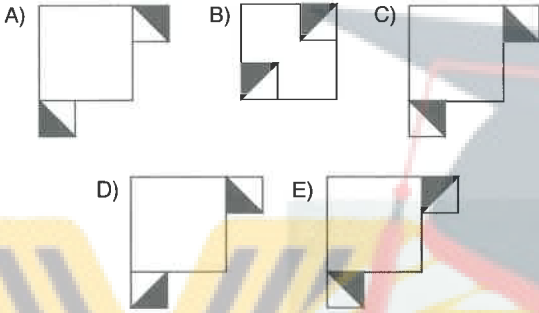
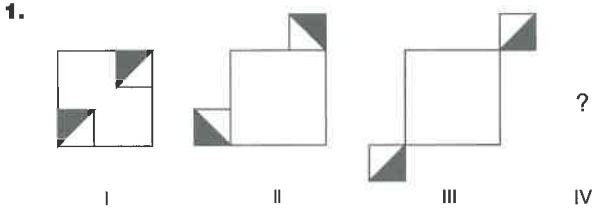
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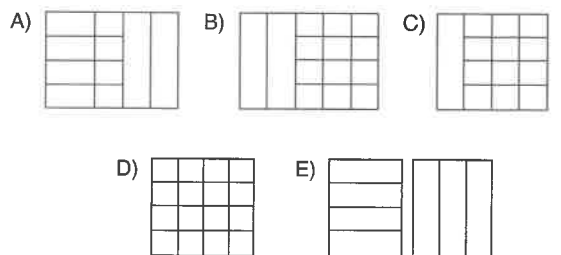
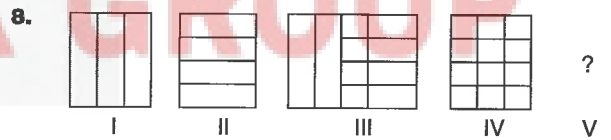
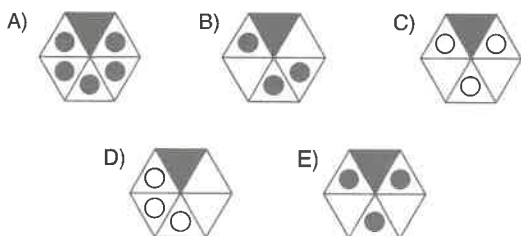
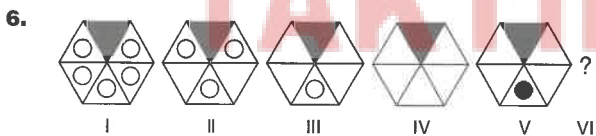
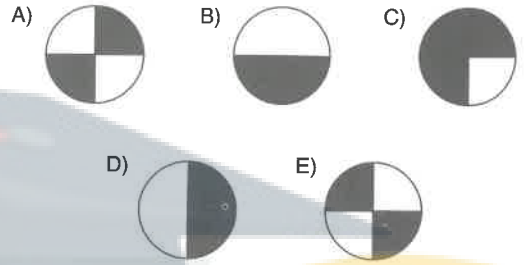
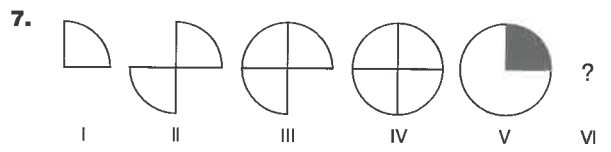
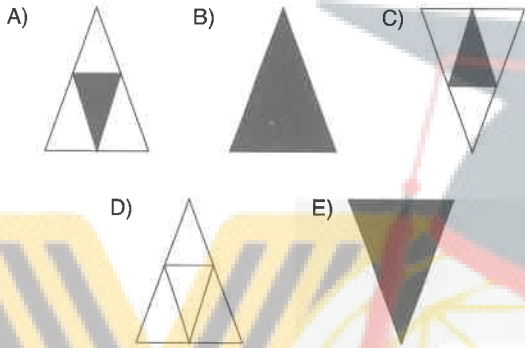
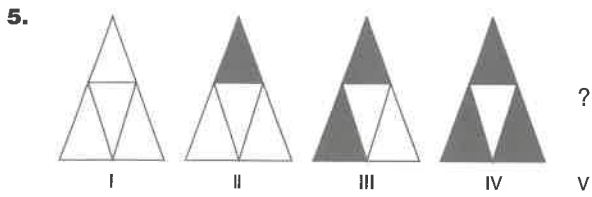
ŞEKİL İLİŞKİLERİ - SIRALAMA

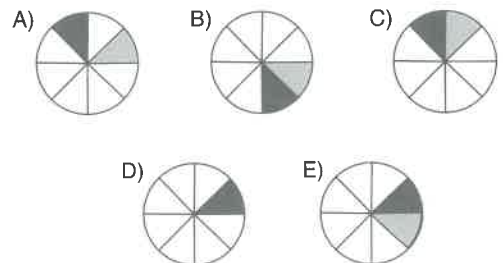
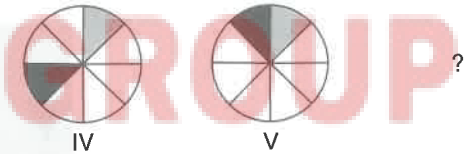
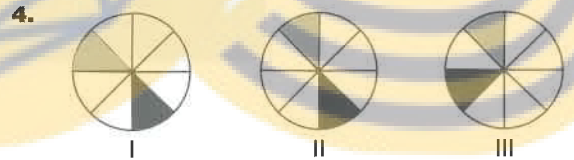
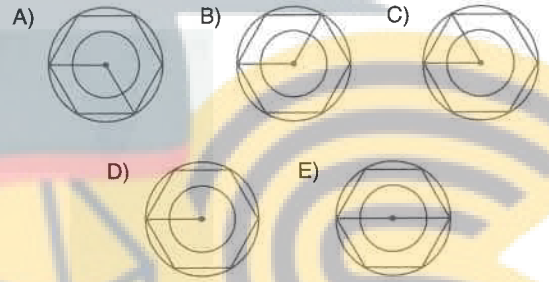
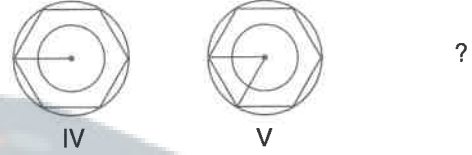
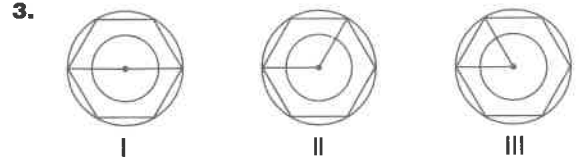
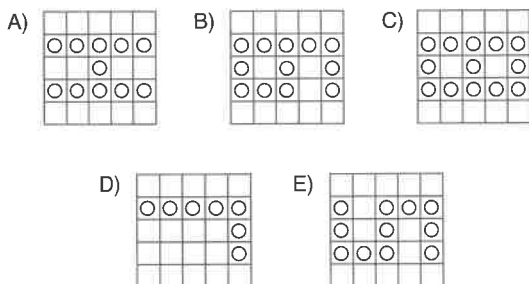
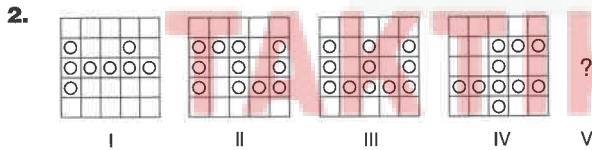
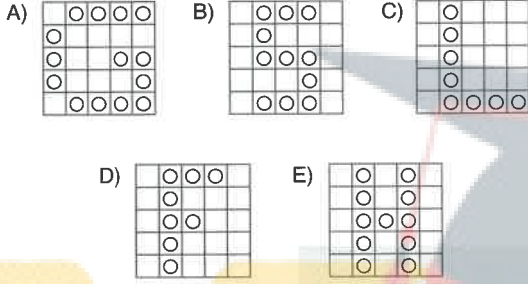
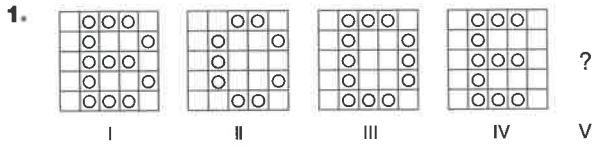
TEST 7

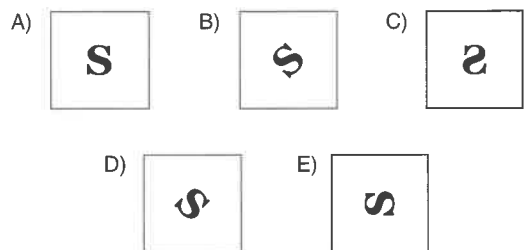
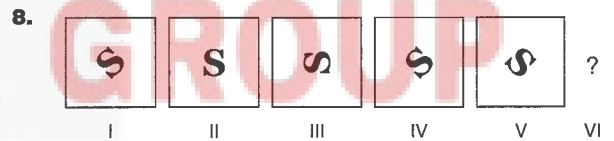
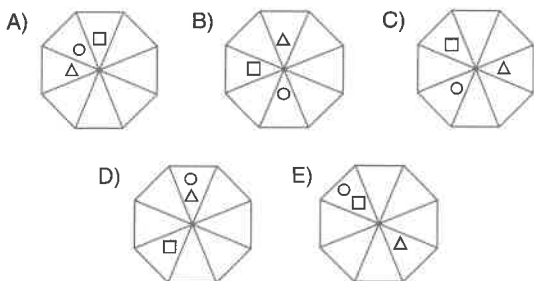
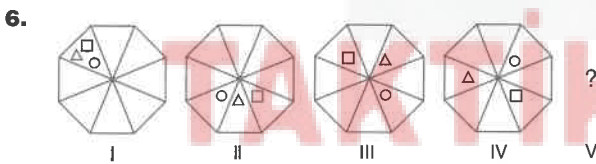
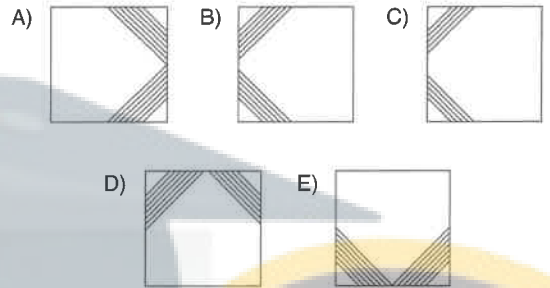
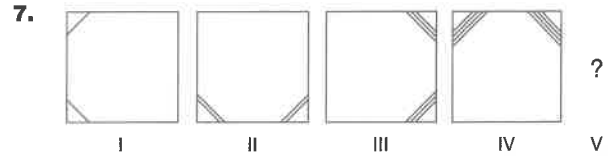
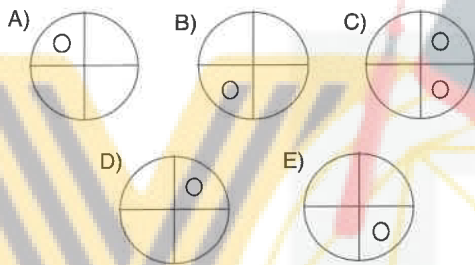
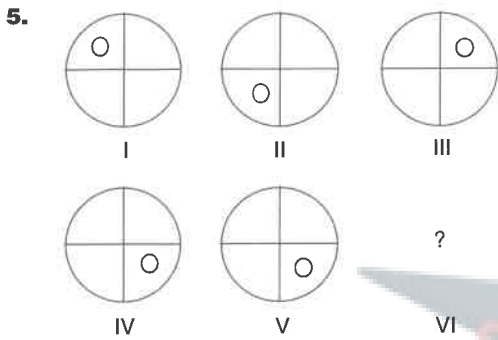


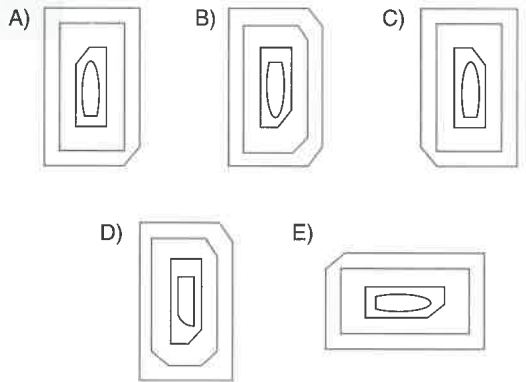
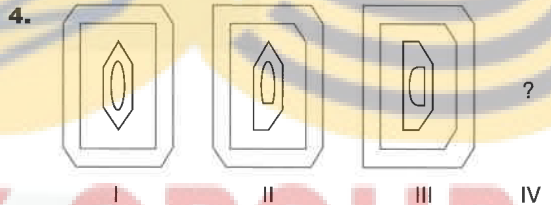
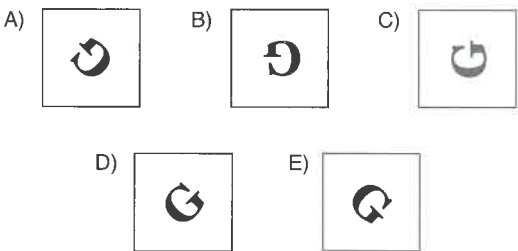
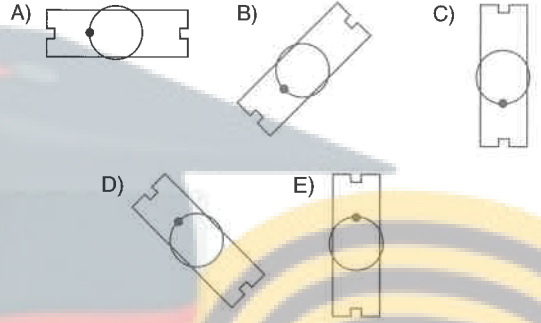
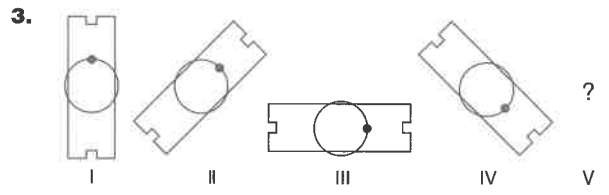
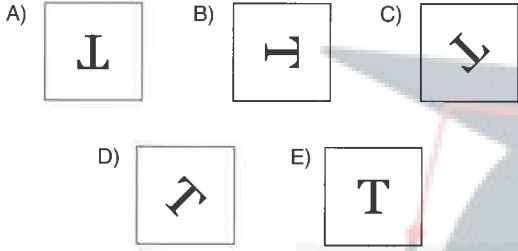
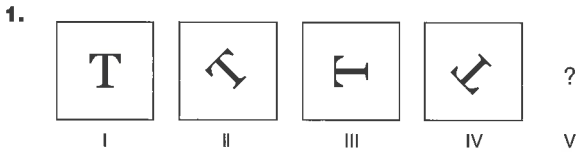


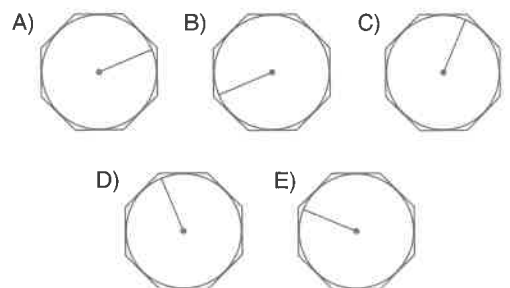
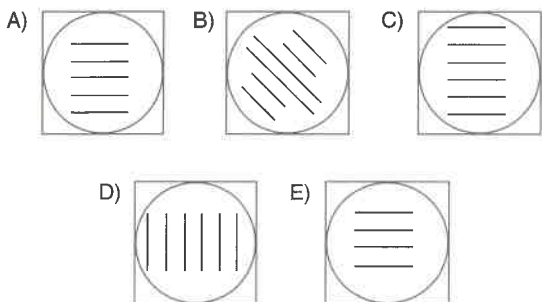
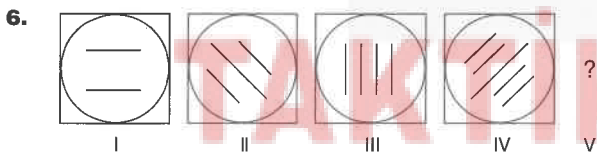
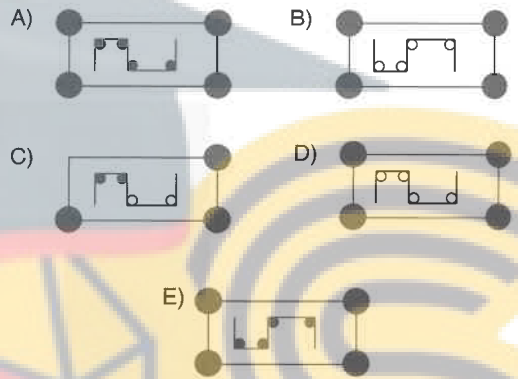
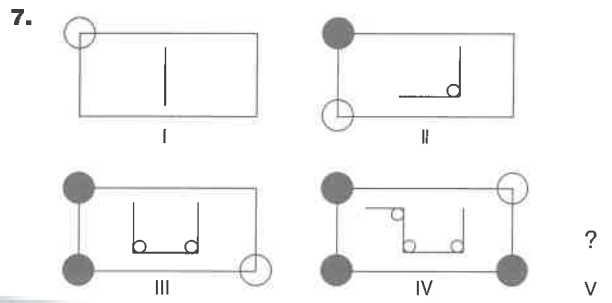
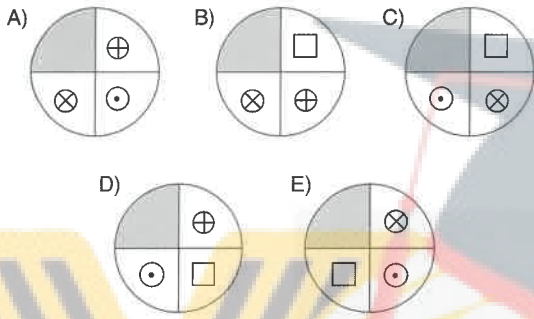
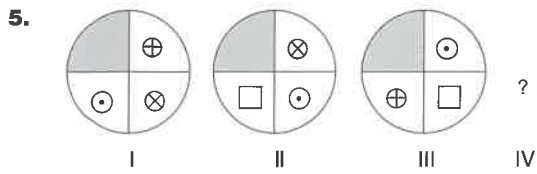












ŞEKİL İLİŞKİLERİ SIRALAMA

FIGURE RELATIONS
ORDERING

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8
B	E	A	C	E	B	D	D

TEST 2

1	2	3	4	5	6	7	8
E	E	D	E	B	E	E	D

TEST 3

1	2	3	4	5	6	7
B	E	E	C	A	B	B

TEST 4

1	2	3	4	5	6	7	8
A	A	B	B	D	D	C	A

TEST 5

1	2	3	4	5	6	7	8
D	D	B	E	B	D	D	D

TEST 6

1	2	3	4	5	6	7	8
B	C	E	C	A	E	B	B

TEST 7

1	2	3	4	5	6	7	8
D	A	E	D	A	A	E	E

TEST 8

1	2	3	4	5	6	7	8
C	B	E	B	B	E	A	A

TEST 9

1	2	3	4	5	6	7	8
D	E	A	A	D	E	C	E

TEST 10

1	2	3	4	5	6	7	8
A	B	C	D	B	C	D	C

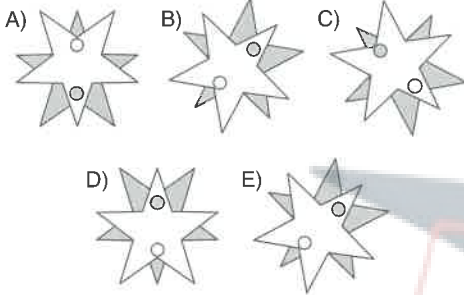
TAKTİK GROUP



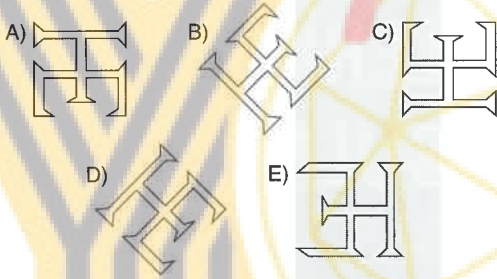
ŞEKİL İLİŞKİLERİ
FARKLI OLANI BULMA
FIGURE RELATIONS
FINDING DIFFERENCE

TAKTİK GROUP

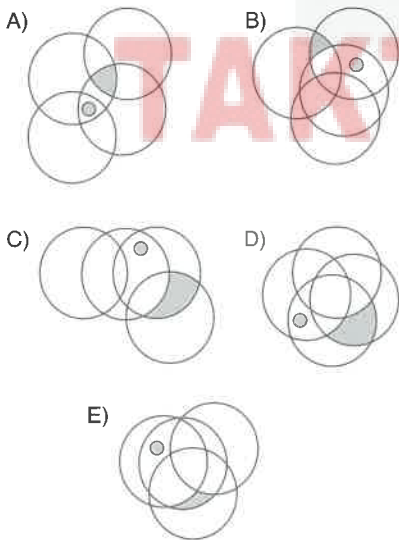
1. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



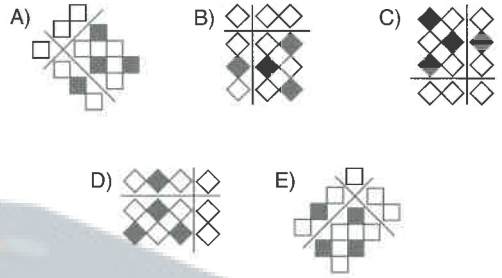
2. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



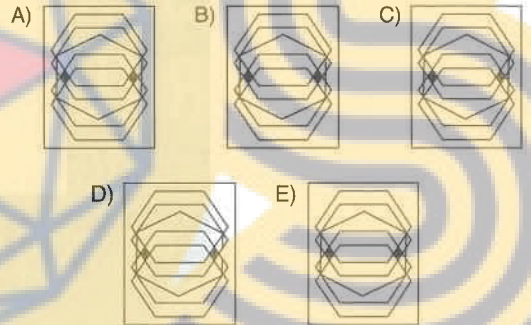
3. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



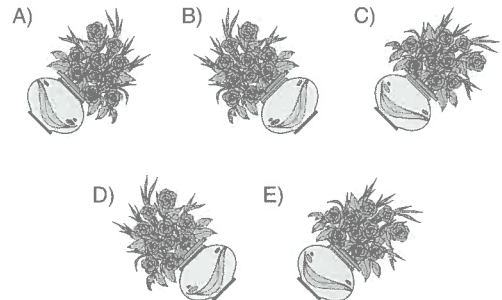
4. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



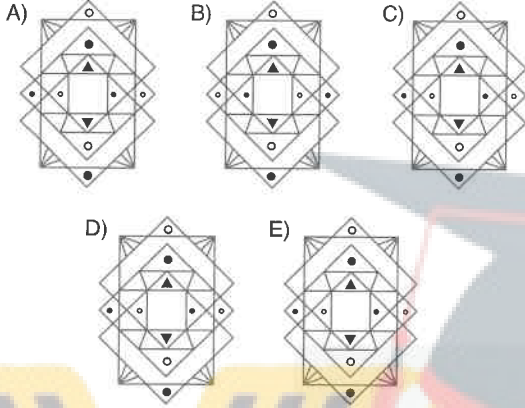
5. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



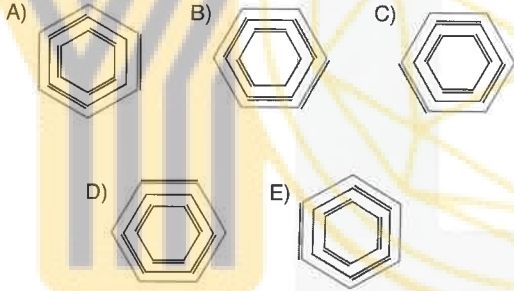
6. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



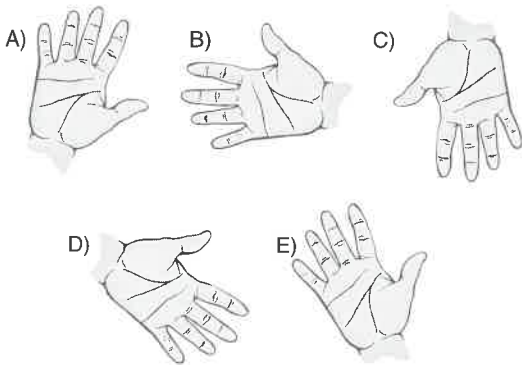
7. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



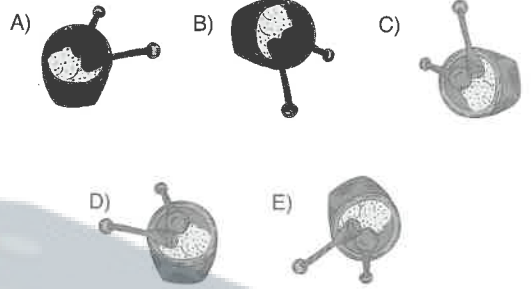
8. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



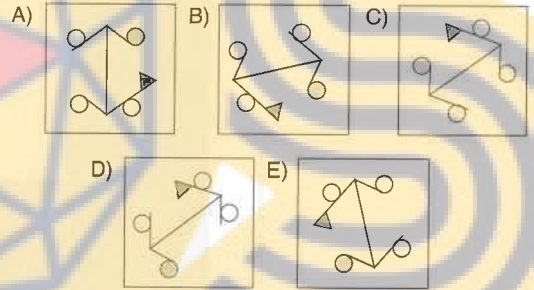
9. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



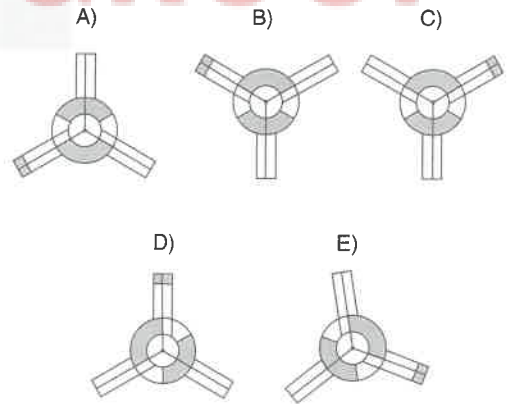
10. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



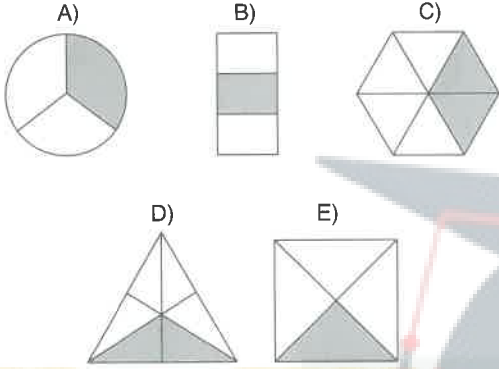
11. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



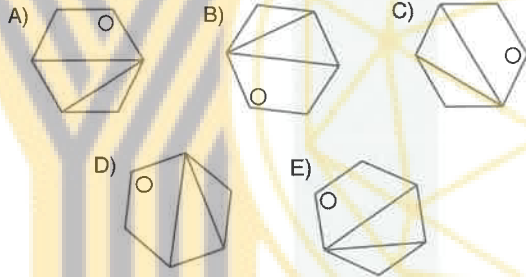
12. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



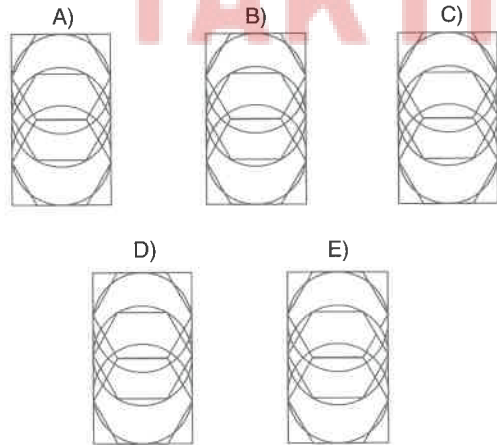
1. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



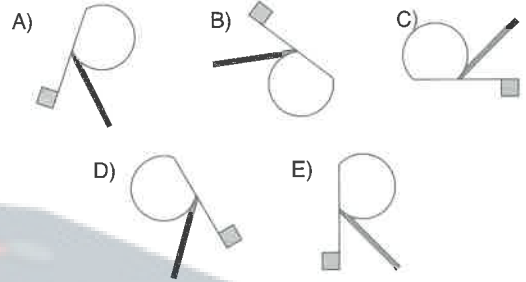
2. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



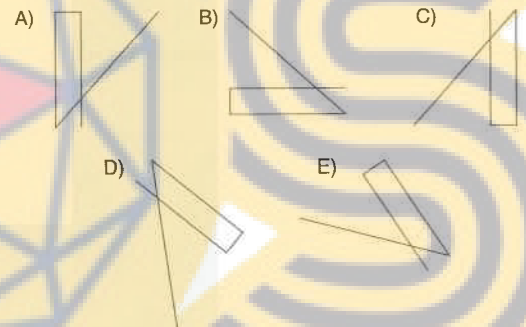
3. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



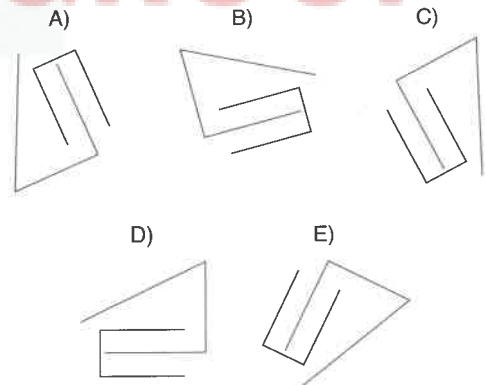
4. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



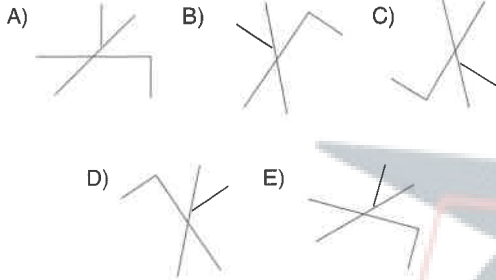
5. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



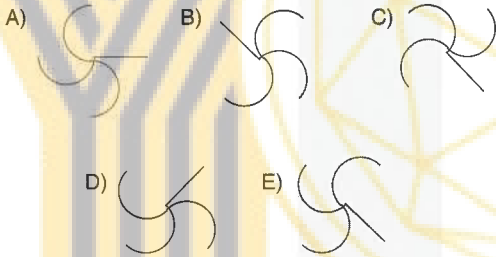
6. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



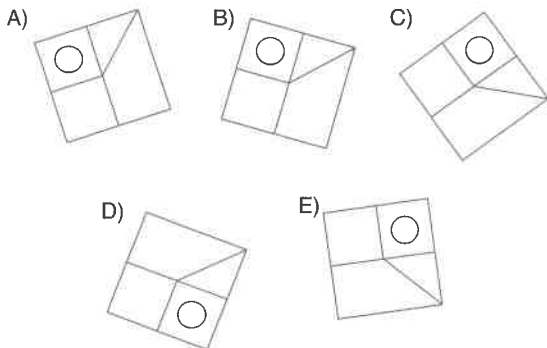
7. Aşağıdakilerden hangisi farklıdır?
Which of the followings is different?



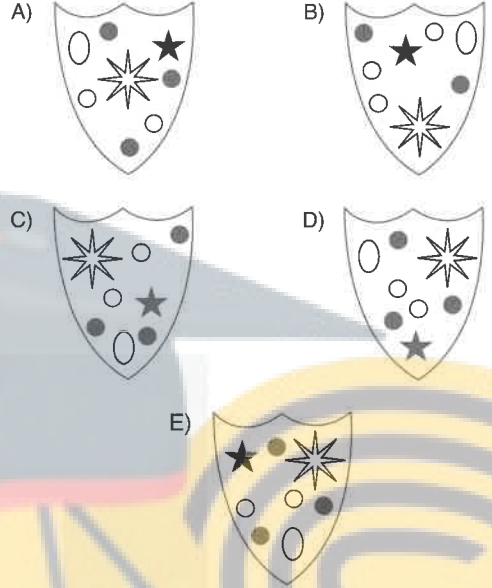
8. Aşağıdakilerden hangisi farklıdır?
Which of the followings is different?



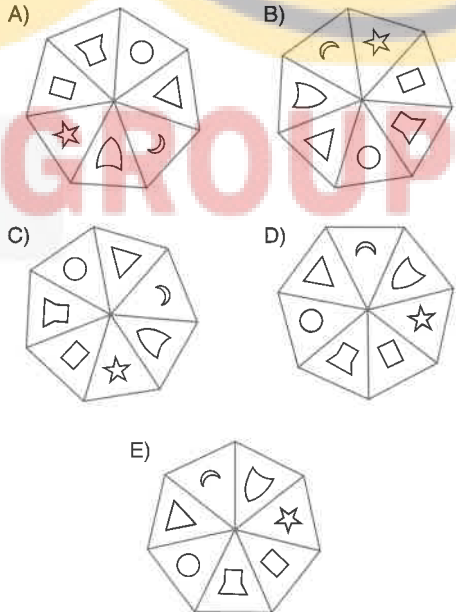
9. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



10. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



11. Aşağıdakilerden hangisi diğerlerinden farklıdır?
Which of the followings is different?



**ŞEKİL İLİŞKİLERİ
FARKLI OLANI BULMA**

FIGURE RELATIONS
FINDING DIFFERENCE

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8	9	10	11	12
C	E	A	E	D	A	B	B	D	D	D	B

TEST 2

1	2	3	4	5	6	7	8	9	10	11	
E	E	E	D	E	D	D	C	D	B	B	

TAKTİK GROUP




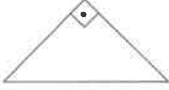
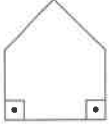
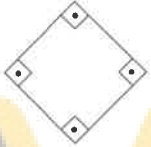

ŞEKİL İLİŞKİLERİ
KARŞILAŞTIRMA

FIGURE RELATIONS
COMPARISON

TAKTİK GROUP

ŞEKİL İLİŞKİLERİ - KARŞILAŞTIRMA












TEST 1

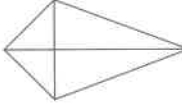

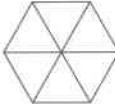
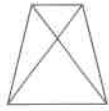
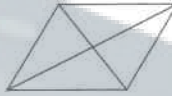
- 1.
- I.  ⇒ 4
- II.  ⇒ 2
- III.  ⇒ 3
- IV.  ⇒ 0
- V.  ⇒ ?









I, II, III ve IV. satırda belirlenen ilişkiye göre V. satırda aşağıdakilerden hangisi tamamlar?

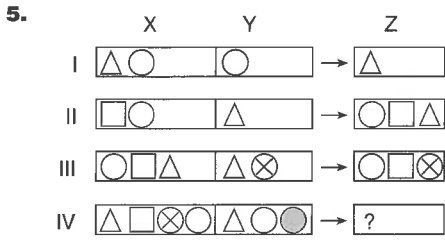
Which of the numbers below completes V in accordance with the relationship established in I, II, III and IV.?

- A) 0 B) 1 C) 2 D) 3 E) 4

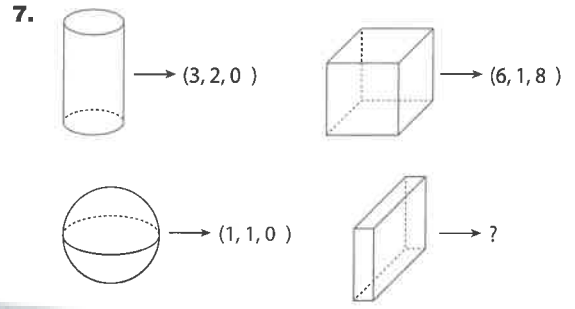
- 2.
-  = 0  = 4
-  = 1  = 8
-  = 2  = 10
- ? = 11
- A)  B) 
- C)  D) 
- E) 

- 3.
-  → 2  → 1
-  → 1  → 3
-  → ?
- A) 1 B) 2 C) 3 D) 4 E) 5

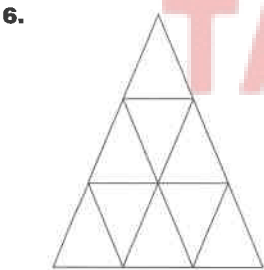
- 4.
-  *  = 11
-  *  = 28
-  *  = 16
-  *  = ?
- A) 11 B) 33 C) 38 D) 55 E) 64



- A)
- B)
- C)
- D)
- E)



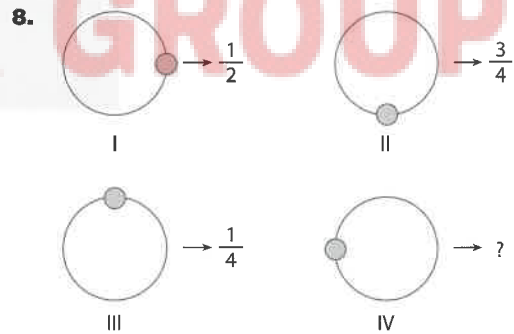
- A) 2, 3, 4 B) 6, 2, 4 C) 6, 3, 8
- D) 6, 1, 6 E) 6, 4, 8



Yukandaki şekilde değişik büyüklüklerde en çok kaç tane üçgen vardır?

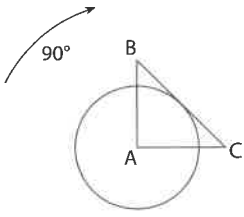
How many triangles are there in given figure above?

- A) 9 B) 12 C) 13 D) 16 E) 18



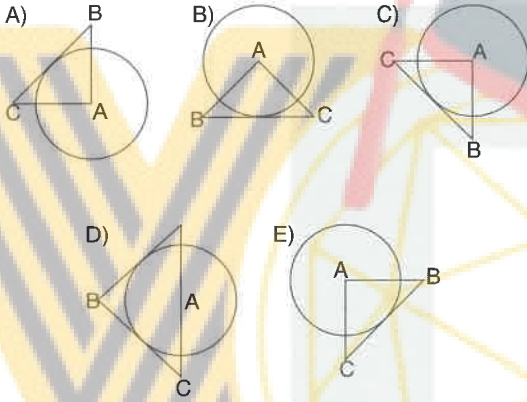
- A) $\frac{3}{2}$ B) $\frac{2}{5}$ C) $\frac{1}{4}$ D) 1 E) $\frac{5}{4}$

1.

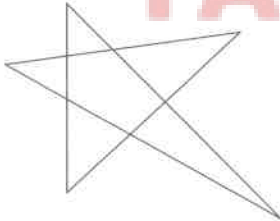


Yukarıda verilen şekil bir düzlem üzerinde 90° sağa döndürülürse, hangi seçenekte verilmiş olan şekil elde edilir?

When we rotate right side given shape above, which of the followings formed?



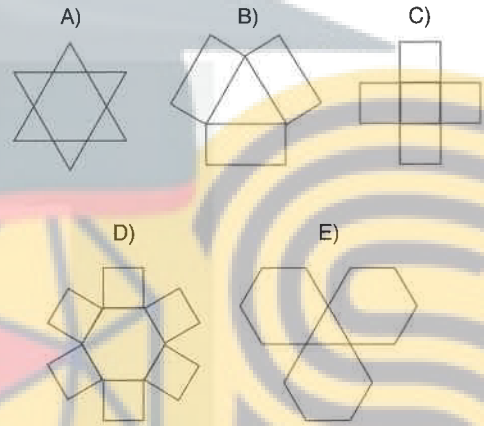
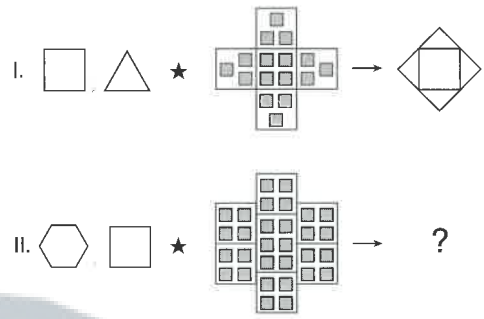
2.



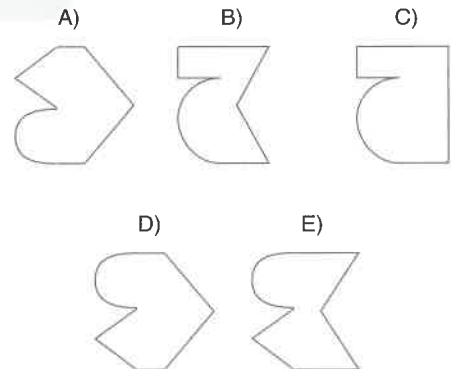
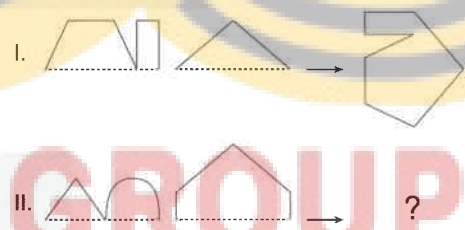
Yukarıdaki şekilde kaç tane üçgen vardır?
How many triangles are there in given shape above?

- A) 5 B) 8 C) 10 D) 15 E) 20

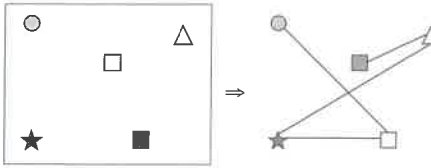
3.

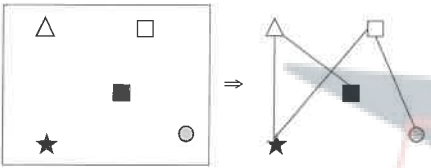


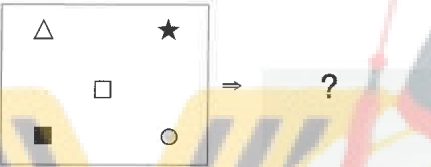
4.

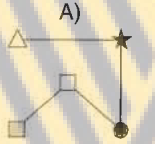


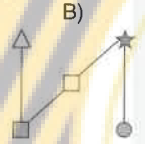
5.

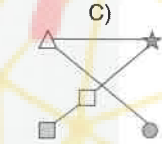
I. 

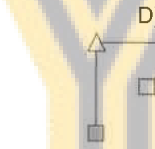
II. 

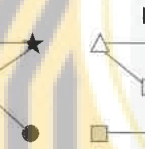
III. 

A) 

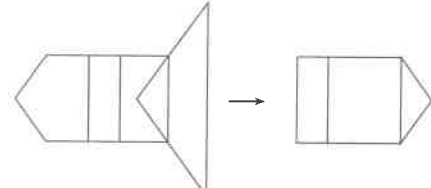
B) 

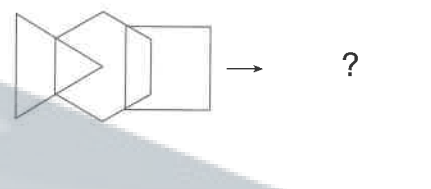
C) 

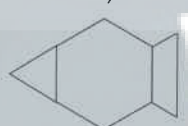
D) 


E) 


7.

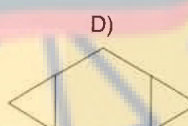
I. 

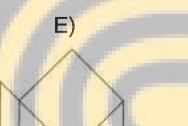
II. 

A) 

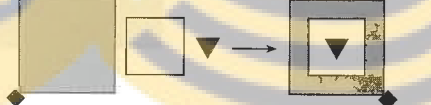
B) 


C) 

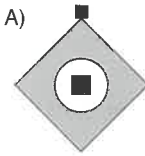
D) 

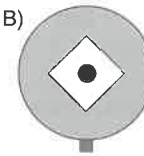
E) 

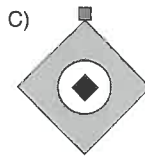
8.

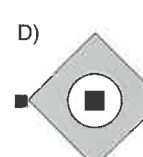
I. 

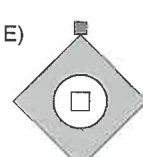
II. 

A) 

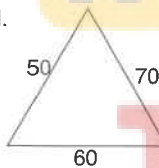
B) 

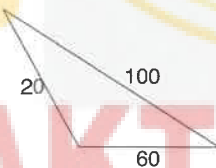
C) 

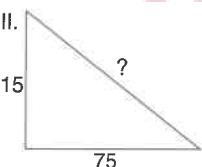
D) 

E) 

6.

I. 

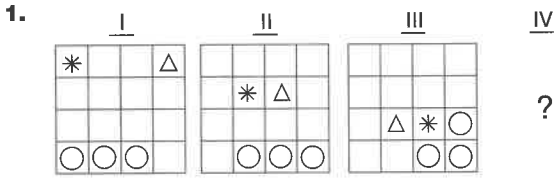
II. 

III. 

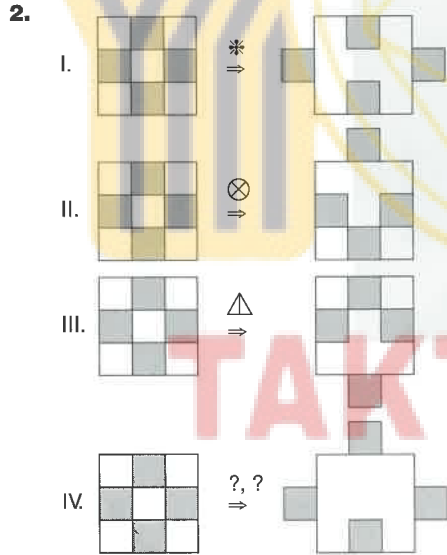
I. ve II. satırlarda belirlenen ilişkiye göre, III. satır aşağıdakilerden hangisi tamamlar?

Which of the numbers below completes III, in accordance with the relationship established in I and II?

- A) 50 B) 60 C) 75 D) 90 E) 115



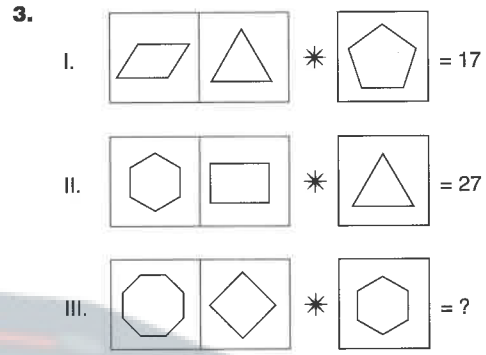
- A)
- B)
- C)
- D)
- E)



I., II. ve III. satırlarda belirlenen ilişkiye göre, IV. satırı aşağıdakilerden hangisi tamamlar?

Which of the numbers below completes IV, in accordance with the relationship established in I, II and III?

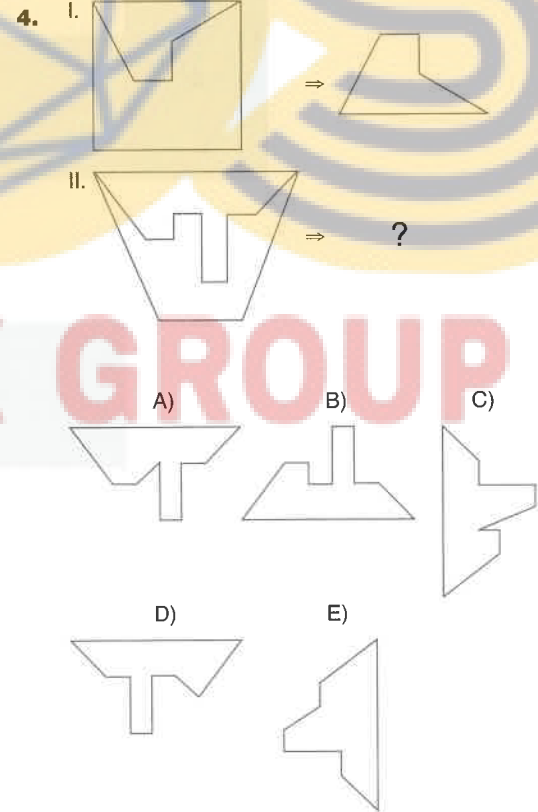
- A) * △ B) △ ⊗ C) * ⊗
D) ⊗ ⊗ E) * *



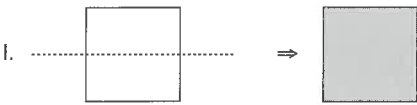
I. ve II. şekilde belirlenen ilişkiye göre, III. şekildeki soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

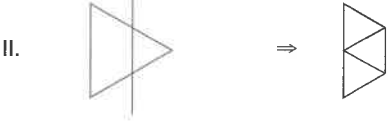
Which of the numbers below completes III, in accordance with the relationship established in I. and II. figure?

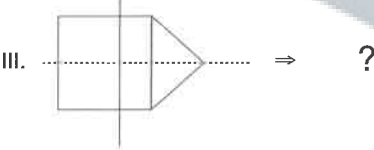
- A) 29 B) 33 C) 35 D) 38 E) 42

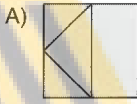
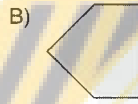

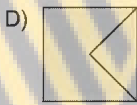
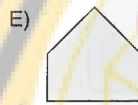


5.

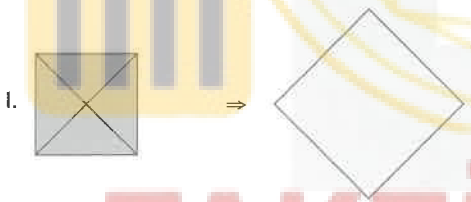
I. 


II. 

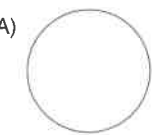
III. 

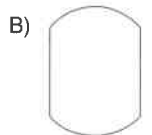
- A) 
- B) 
- C) 
- D) 
- E) 

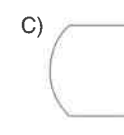
6.

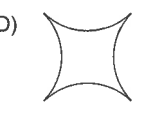
I. 

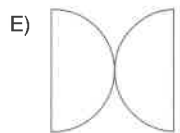
II. 

A) 

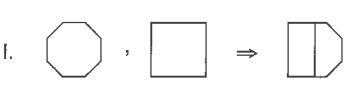
B) 

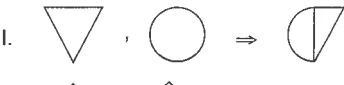
C) 


D) 

E) 


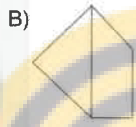


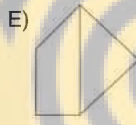
7.

I. 

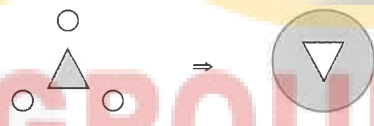
II. 

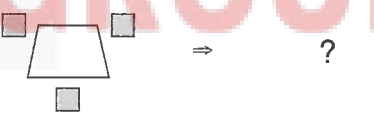
III. 

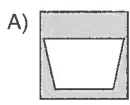
I. ve II. satırlarda belirlenen ilişkiye göre III. satırı aşağıdakilerden hangisi tamamlar?
Which of the alternatives below completes III in accordance with the relationship established in I and II?

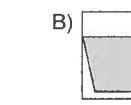
- A) 
- B) 
- C) 
- D) 
- E) 

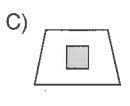
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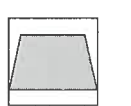


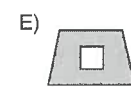


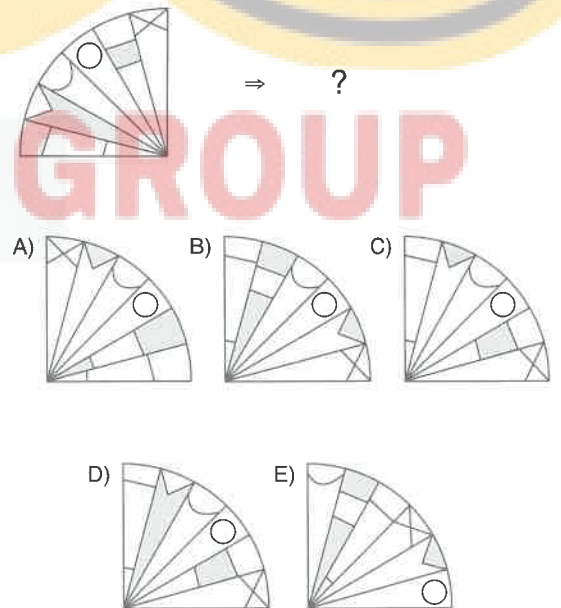
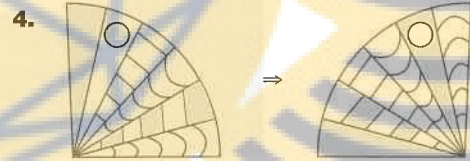
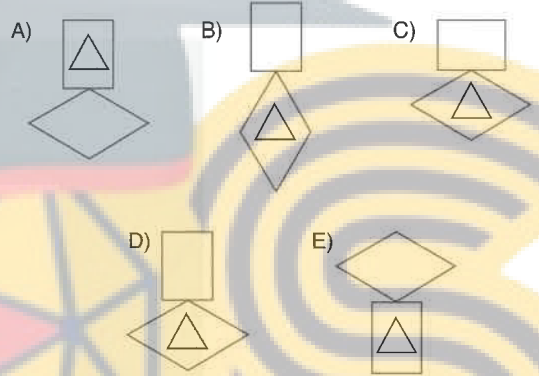
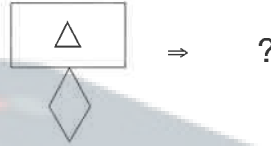
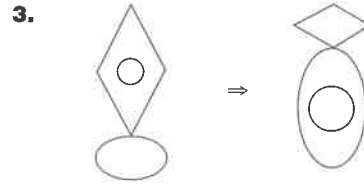
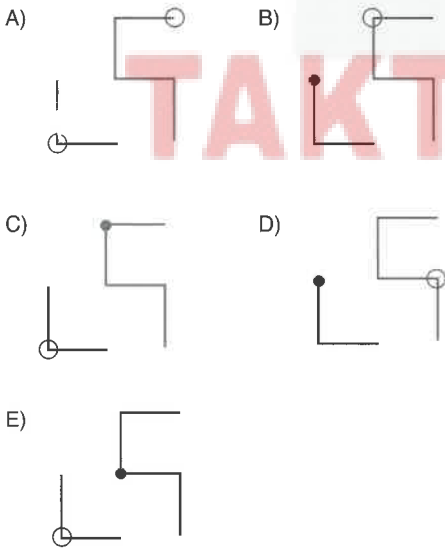
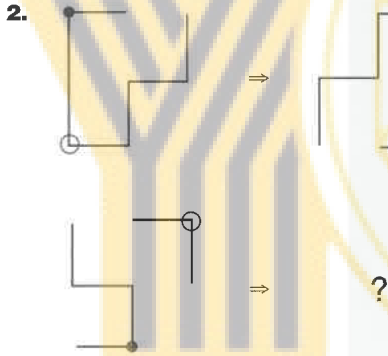
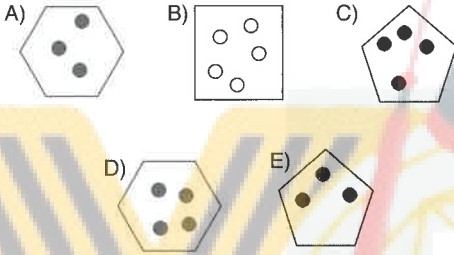
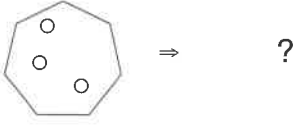
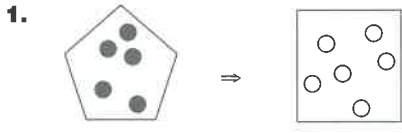
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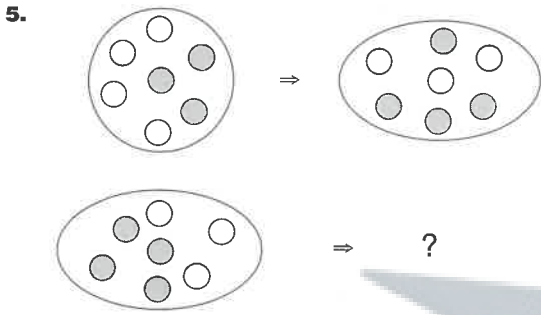
B) 

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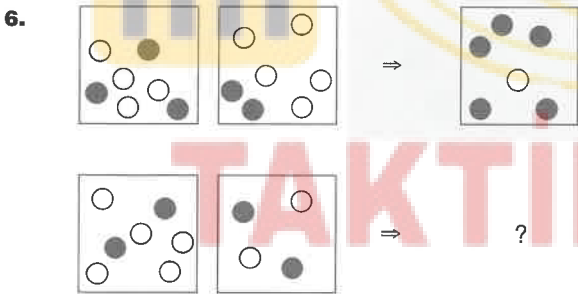
D) 

E) 

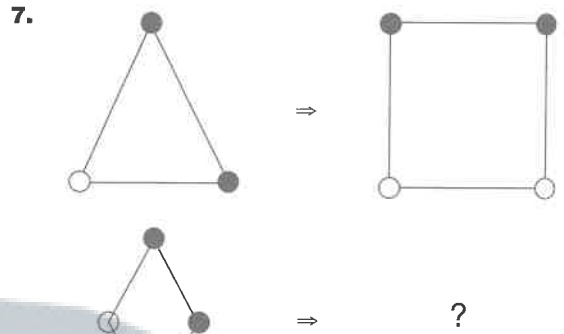




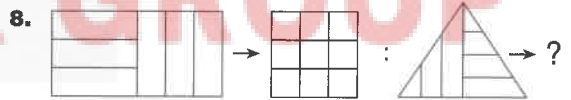
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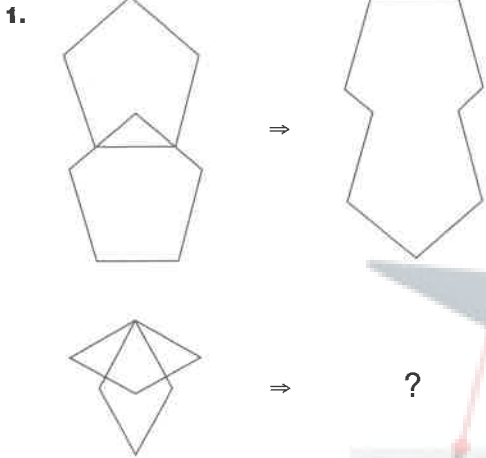
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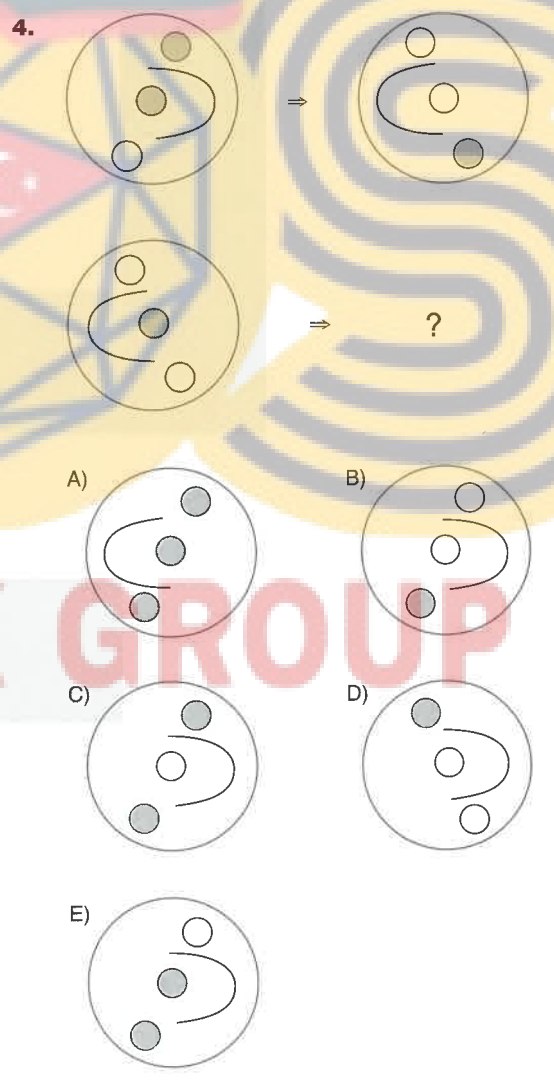
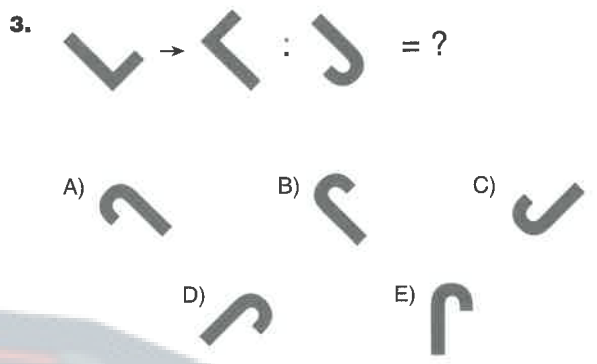
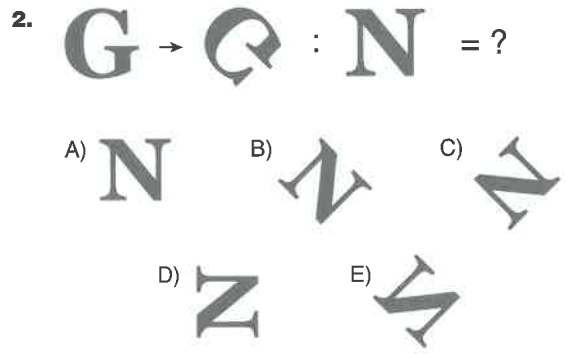
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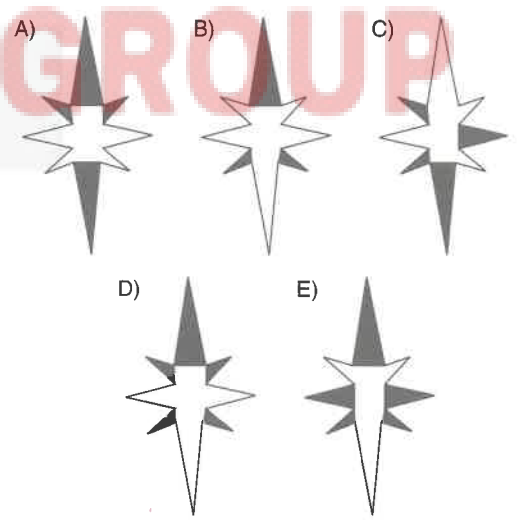
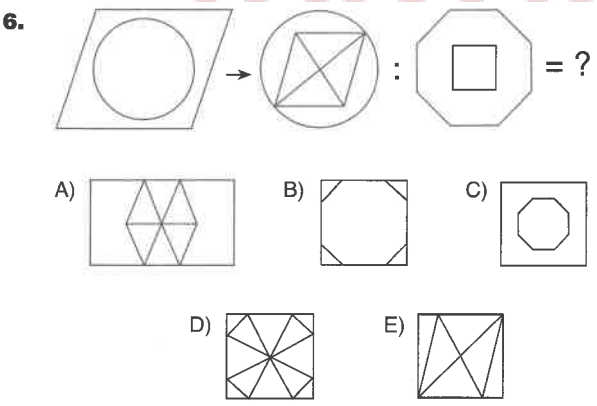
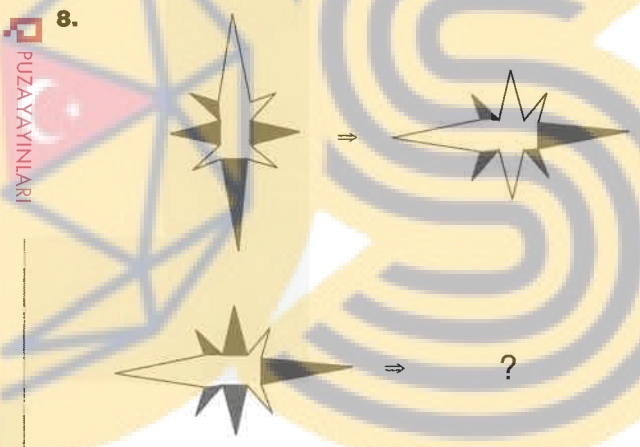
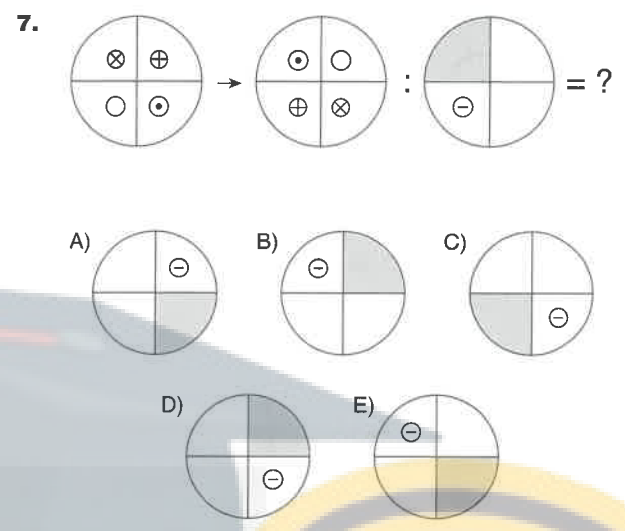
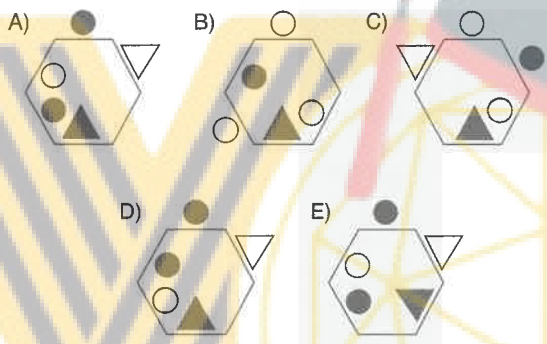
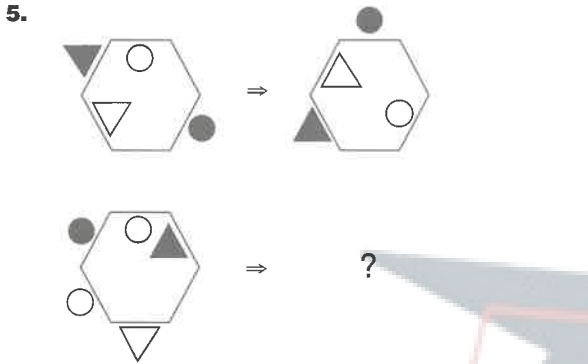
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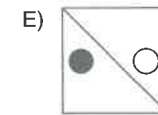
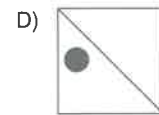
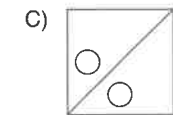
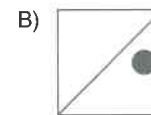
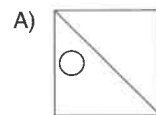
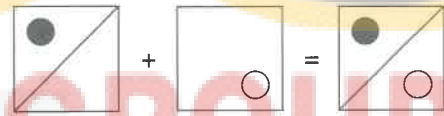
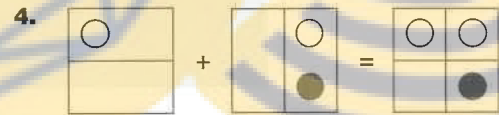
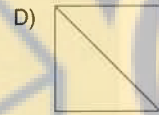
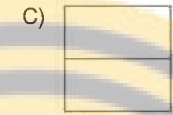
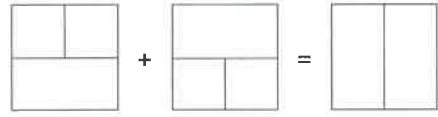
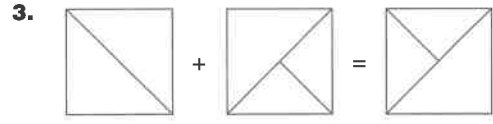
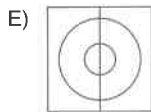
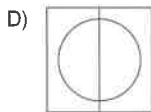
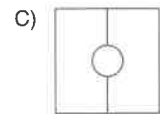
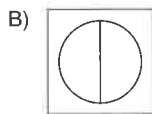
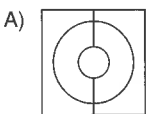
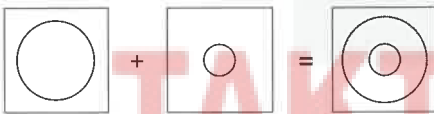
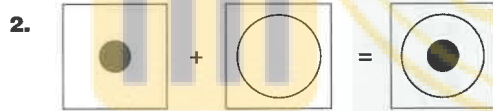
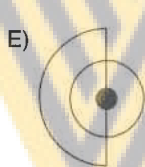
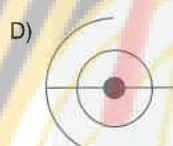
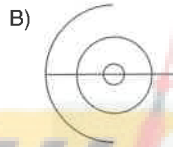
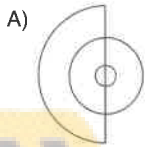
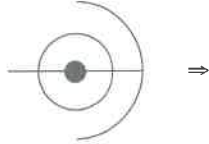
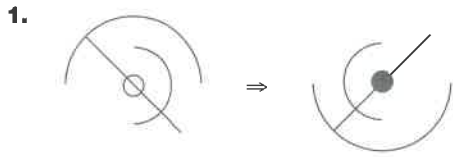
TAKTİK GROUP

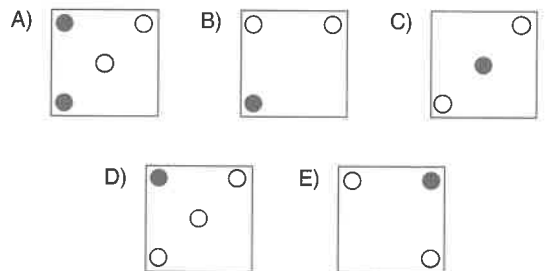
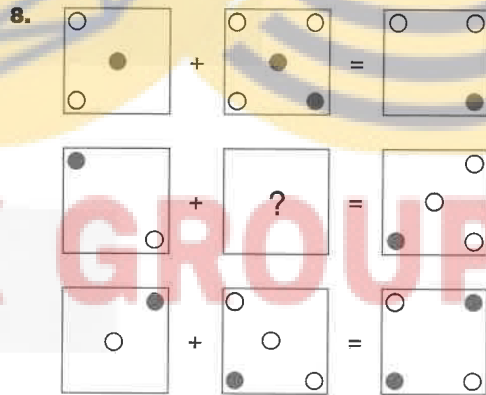
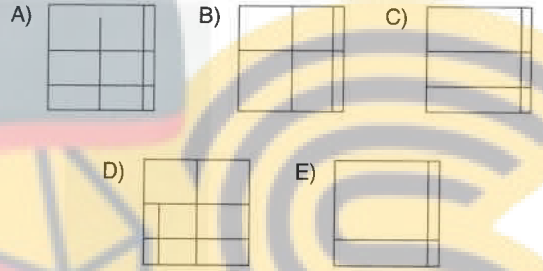
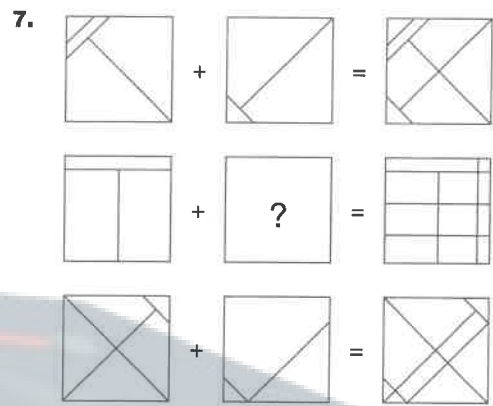
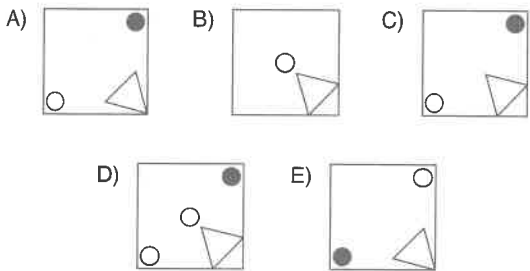
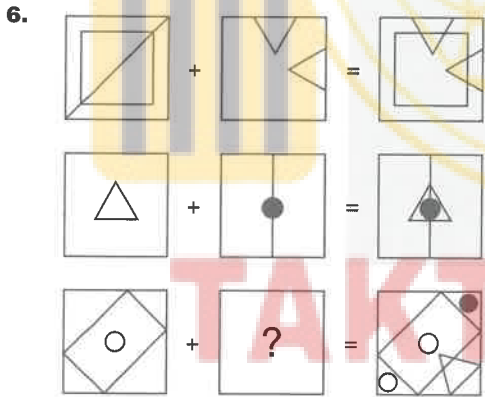
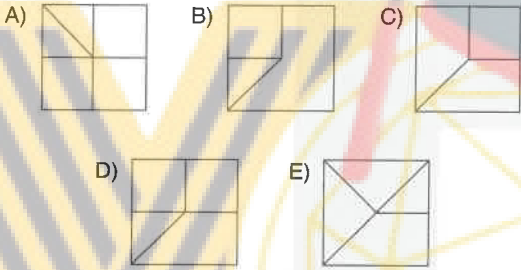
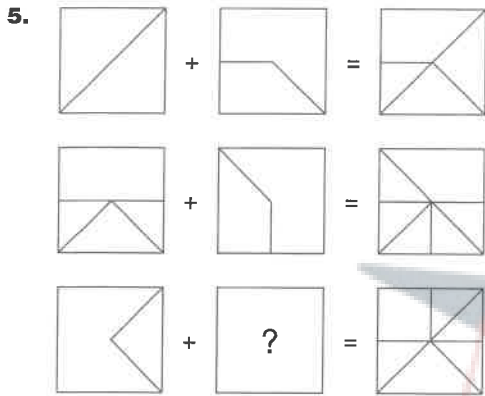


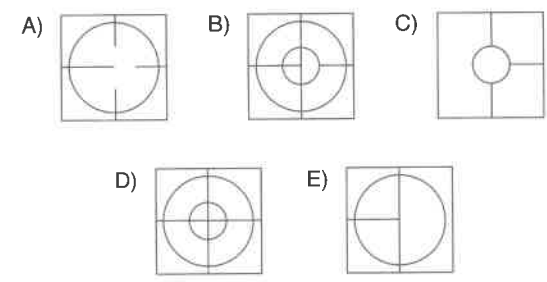
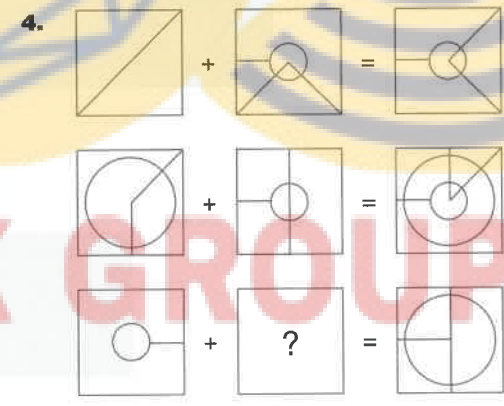
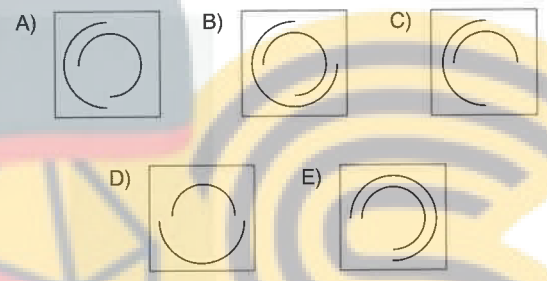
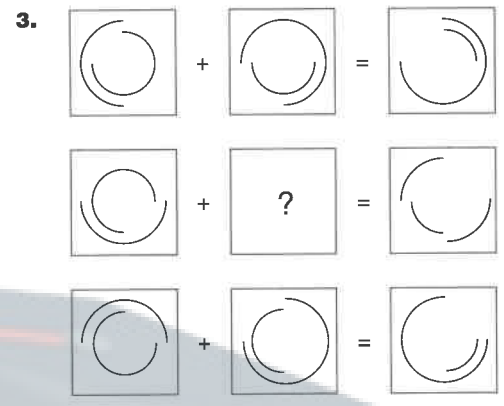
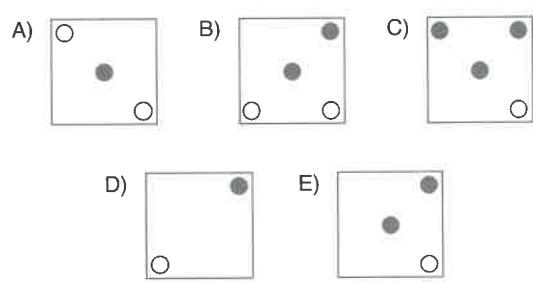
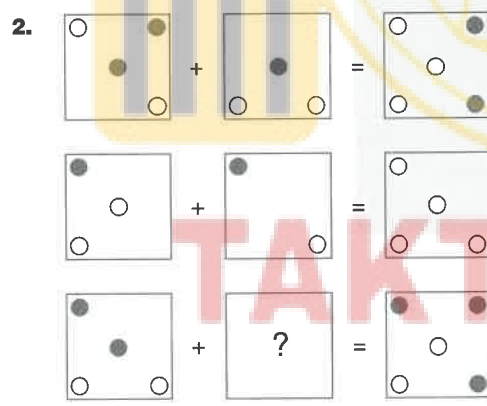
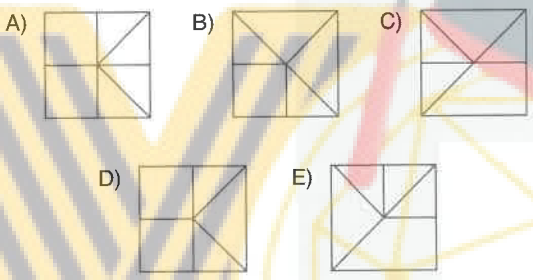
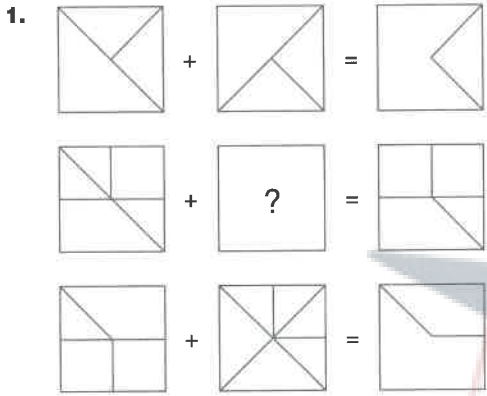
- A)
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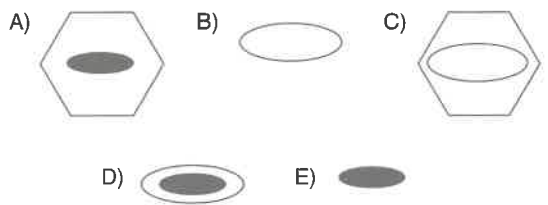
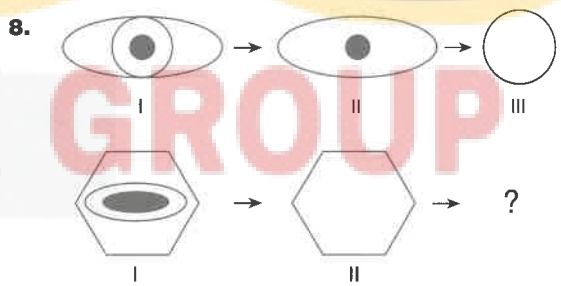
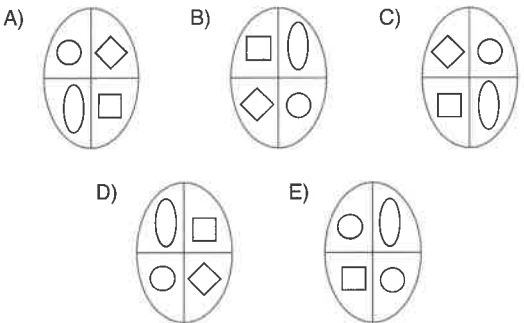
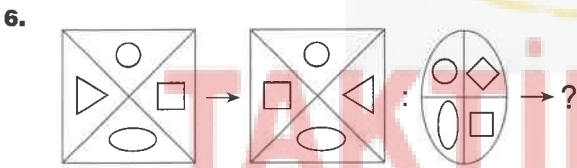
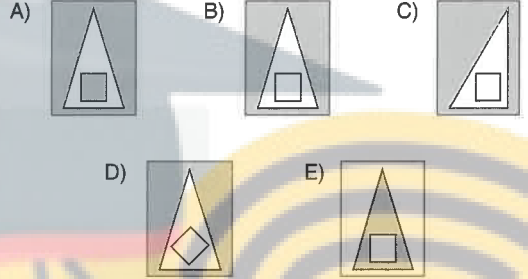
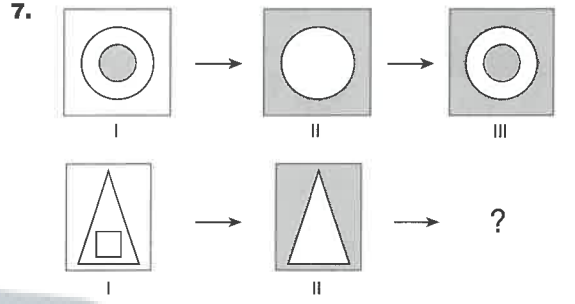
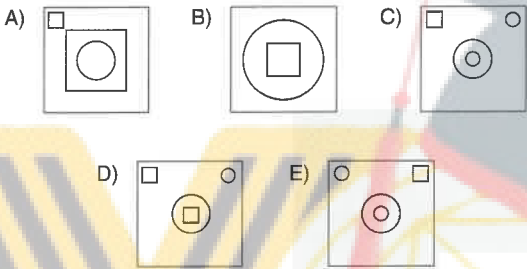
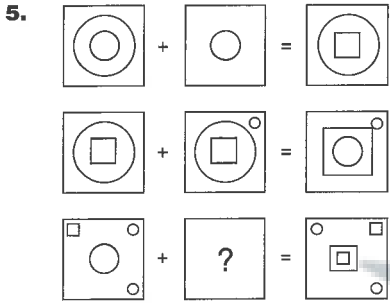


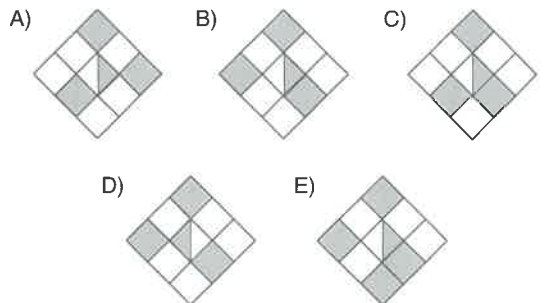
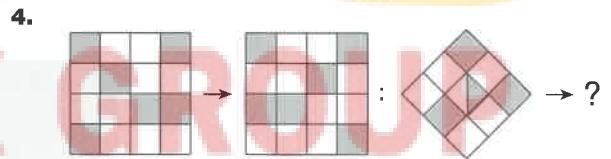
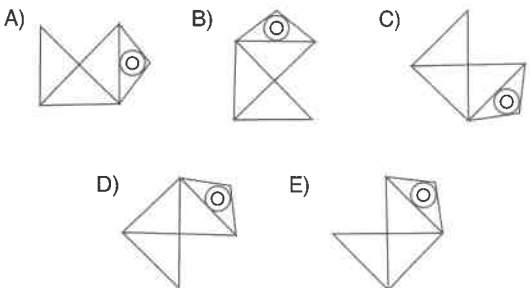
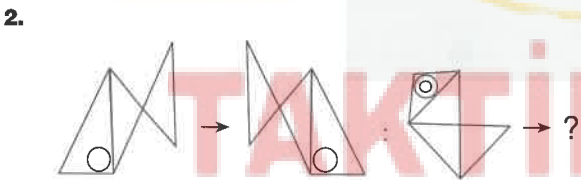
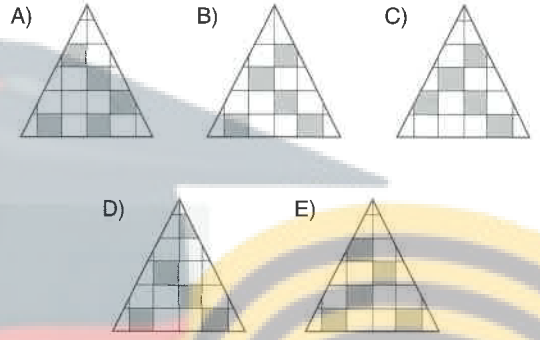
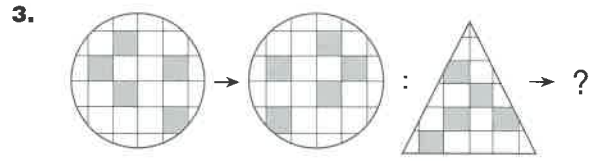
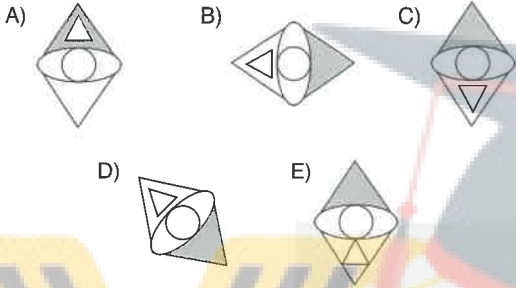
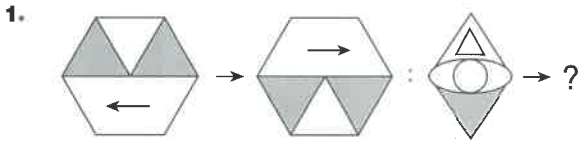


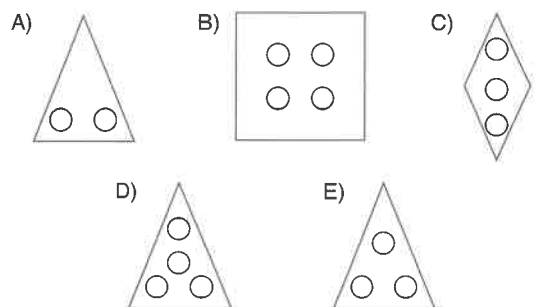
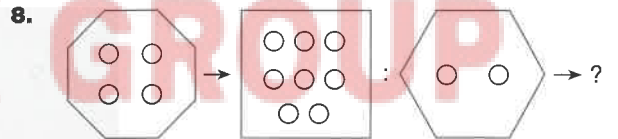
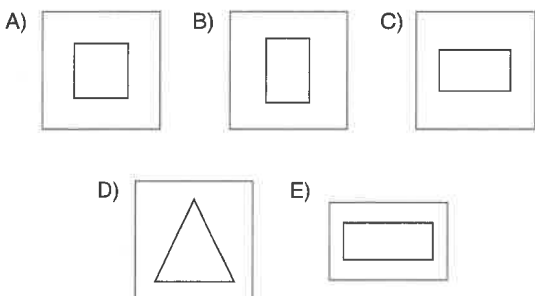
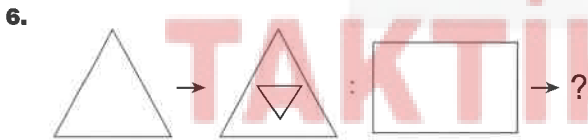
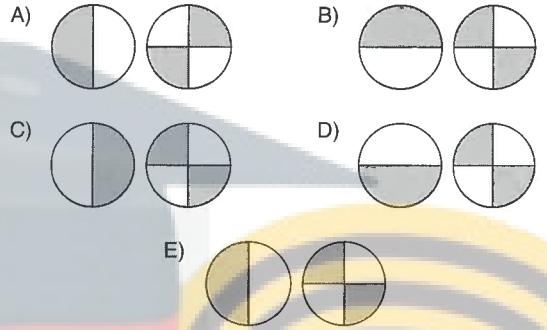
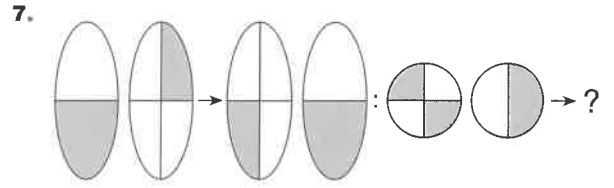
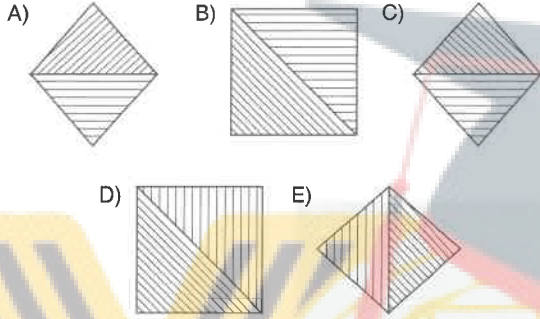
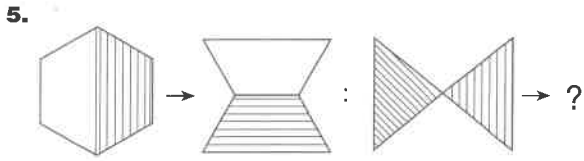


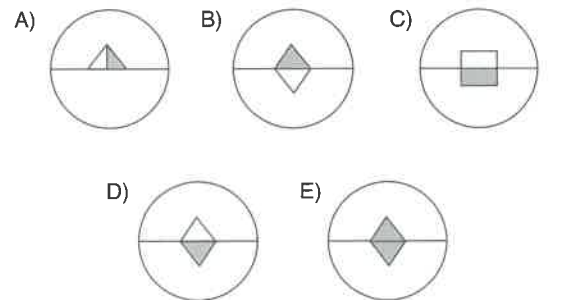
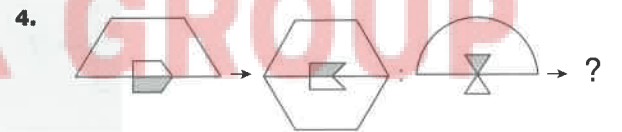
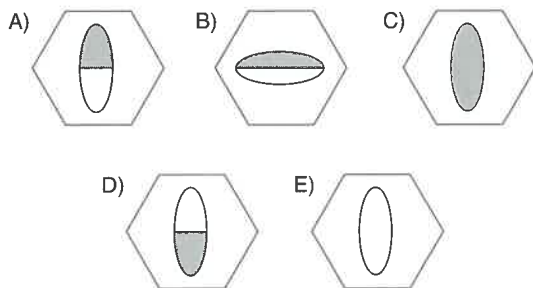
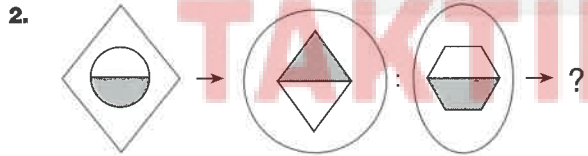
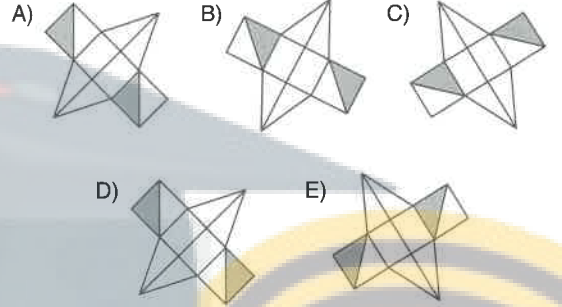
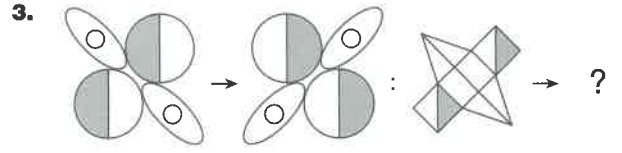
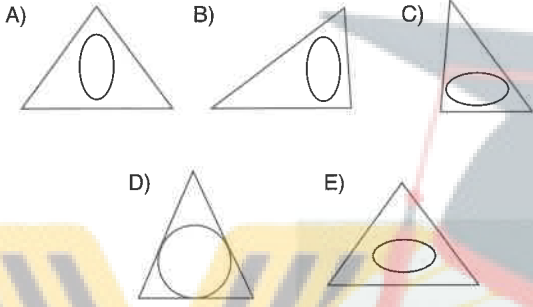
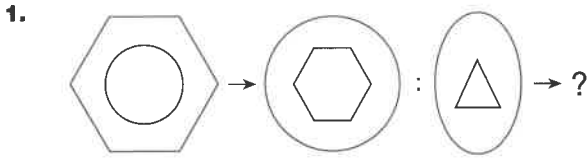






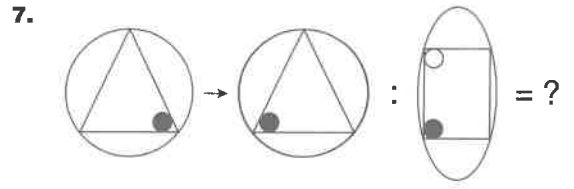




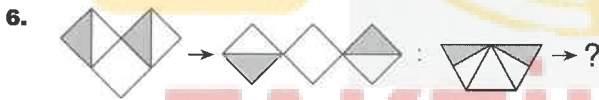




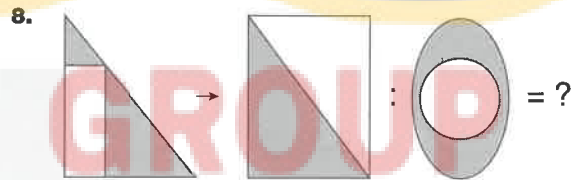
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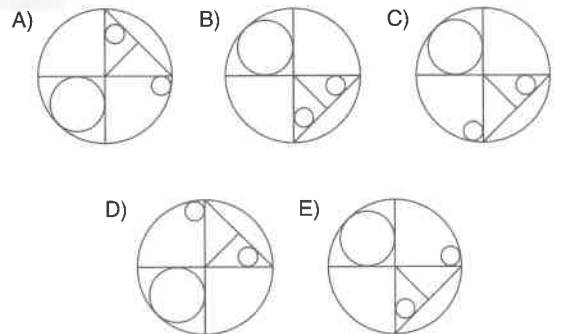
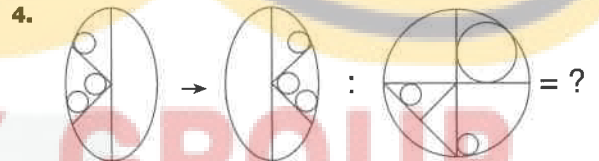
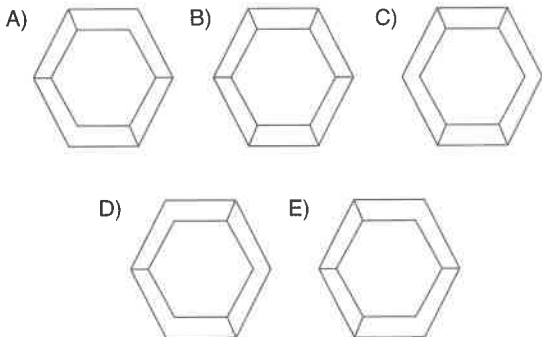
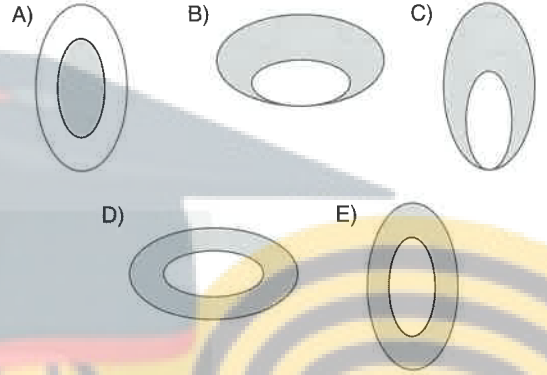
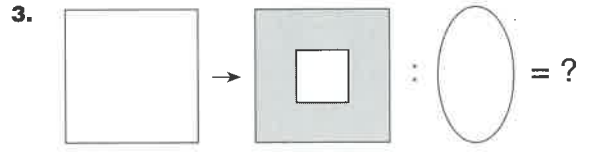
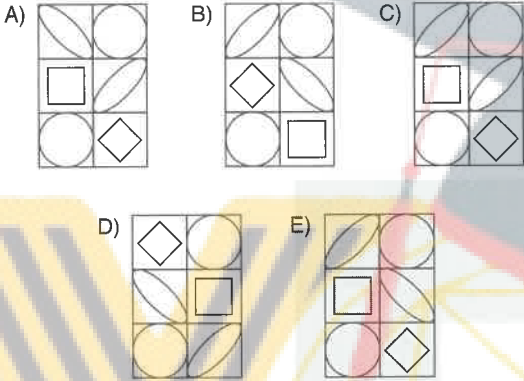
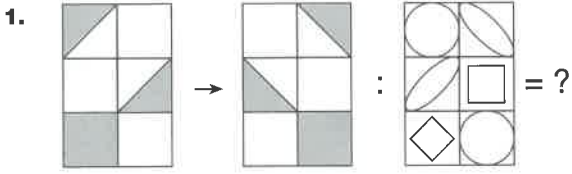
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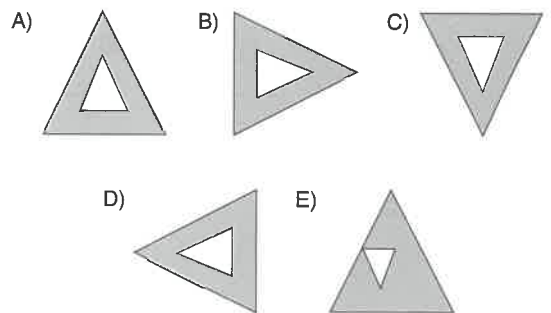
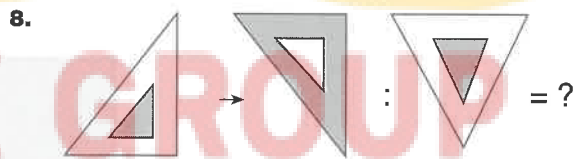
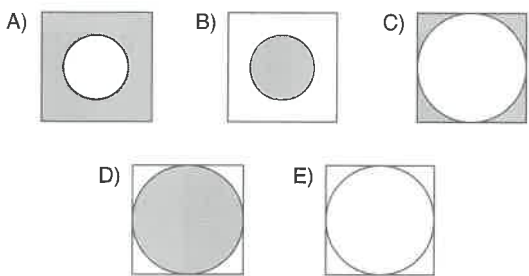
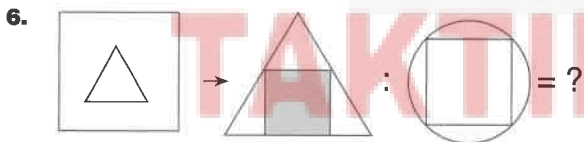
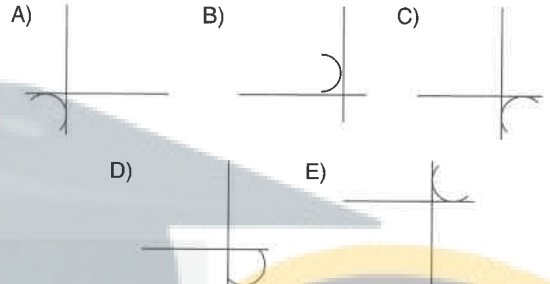
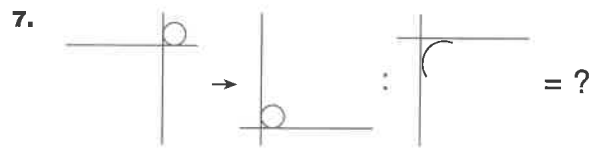
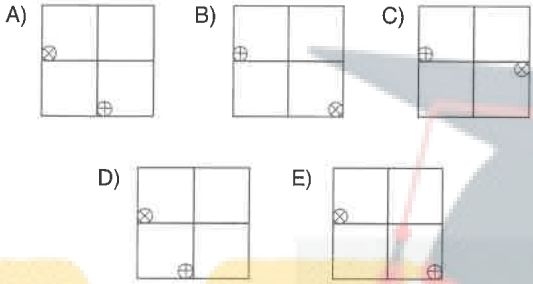
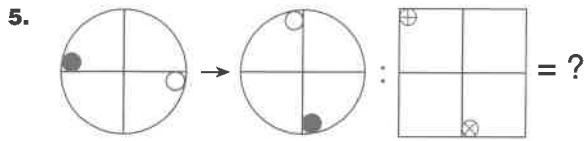


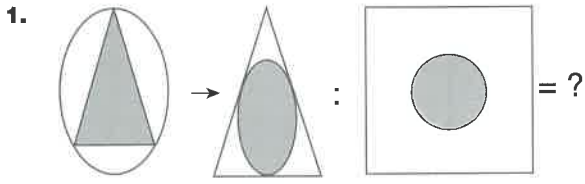
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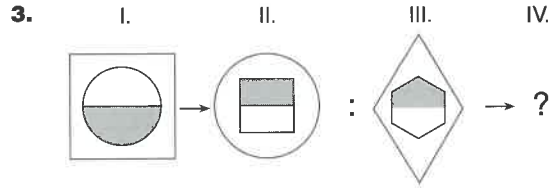
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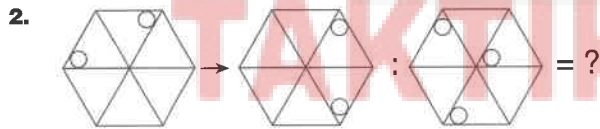




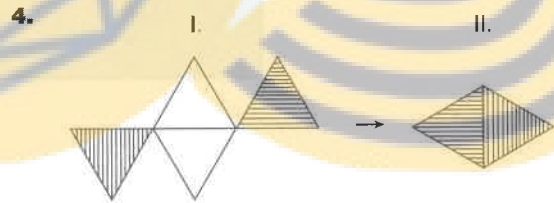
- A) B) C) D) E)



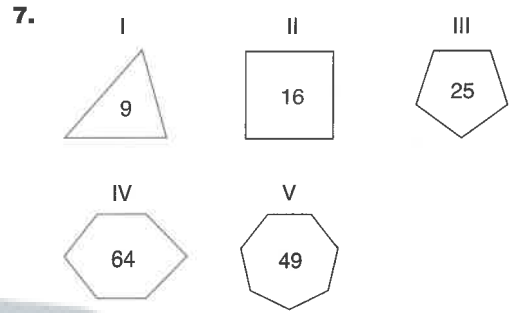
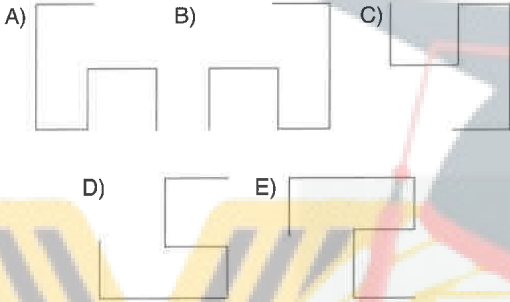
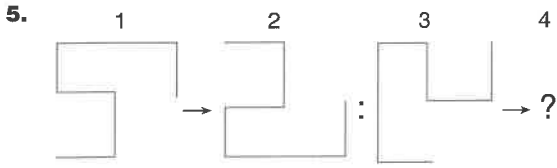
- A) B) C) D) E)



- A) B) C) D) E)

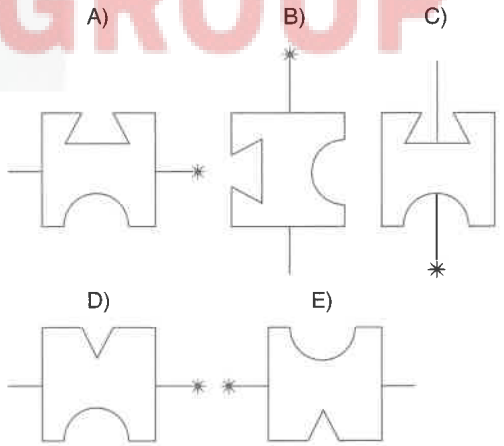
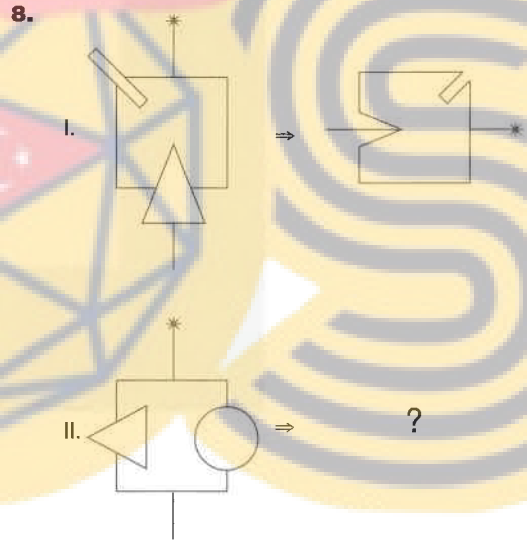
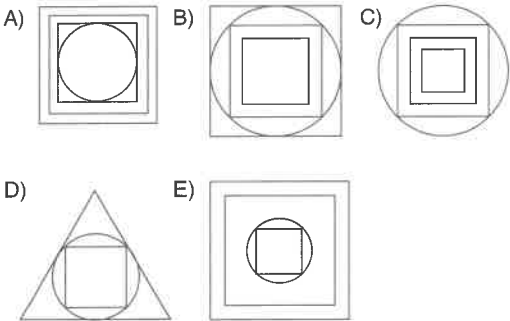
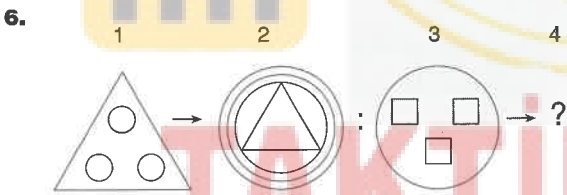


- A) B) C) D) E)

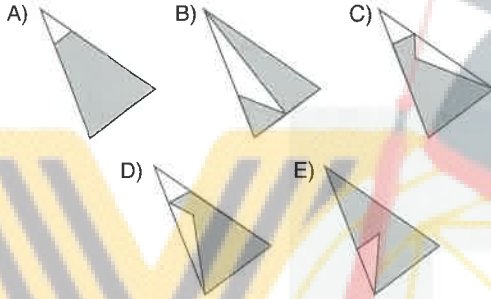
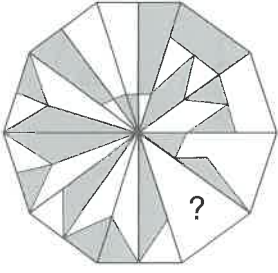


Yukarıdakilerden hangisi diğerlerinden farklıdır?
Which of the given figures above is different?

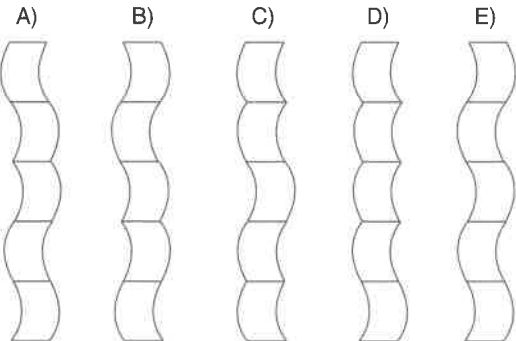
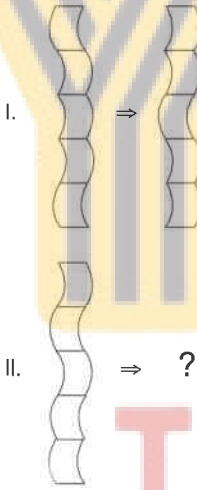
- A) I B) II C) III D) IV E) V



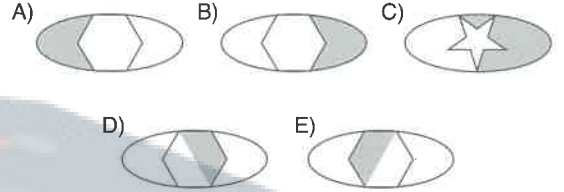
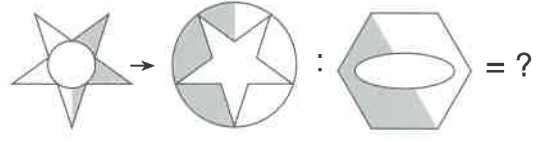
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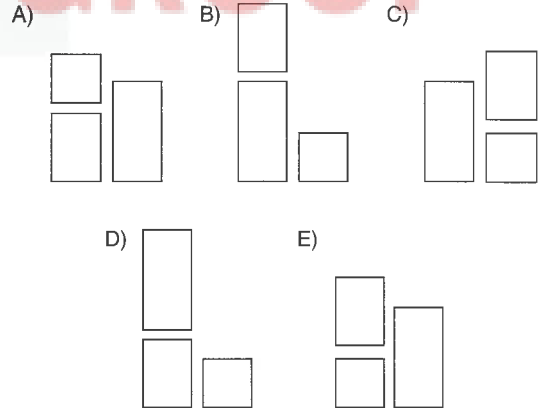
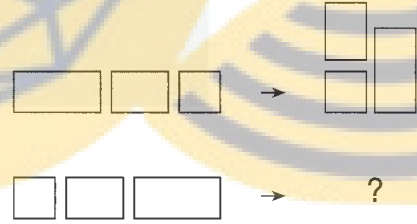
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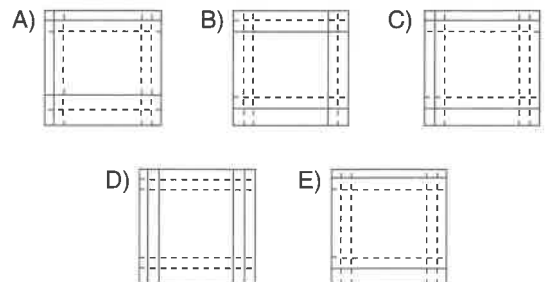
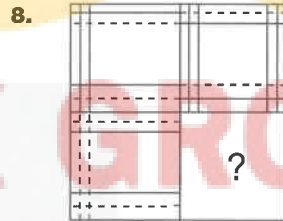
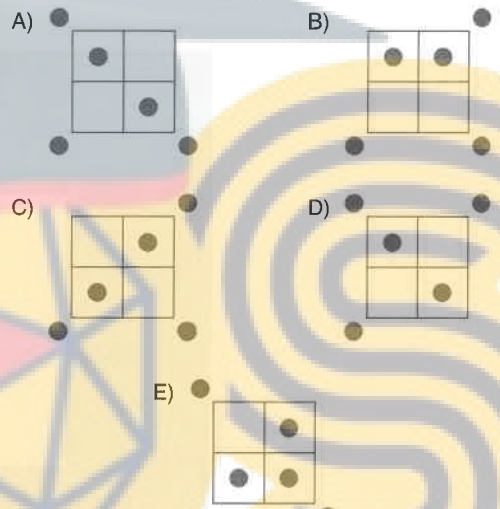
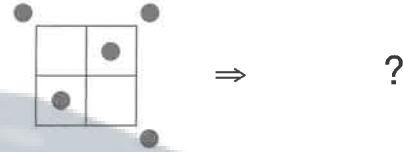
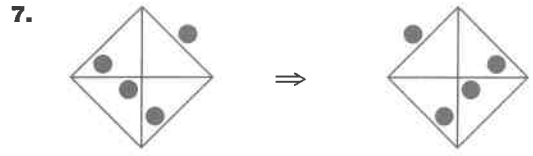
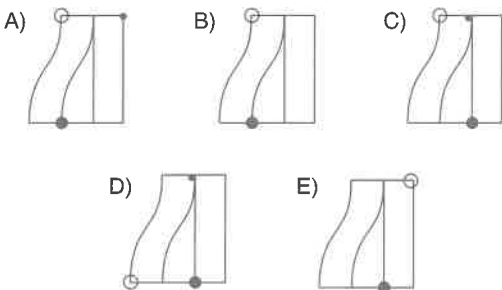
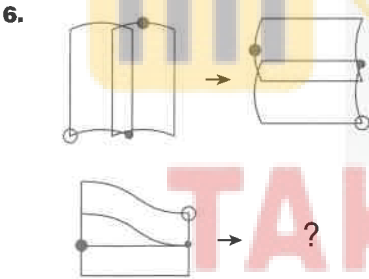
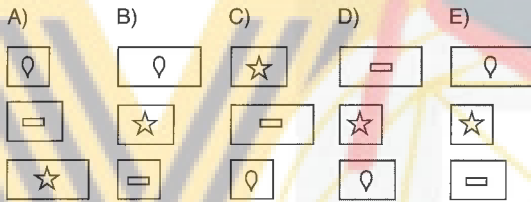
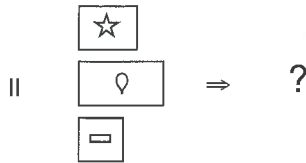
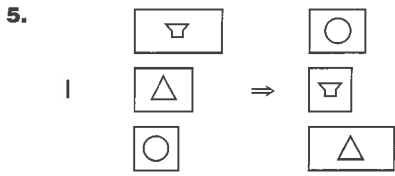


3.



4.





ŞEKİL İLİŞKİLERİ KARŞILAŞTIRMA

FIGURE RELATIONS
COMPARISON

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8
C	E	A	D	E	C	C	D

TEST 2

1	2	3	4	5	6	7	8
E	C	D	D	D	D	A	A

TEST 3

1	2	3	4	5	6	7	8
B	C	D	B	A	A	E	B

TEST 4

1	2	3	4	5	6	7	8
D	C	D	B	B	B	C	D

TEST 5

1	2	3	4	5	6	7	8
C	E	A	C	A	D	A	B

TEST 6

1	2	3	4	5	6	7	8
A	D	C	D	D	C	C	A

TEST 7

1	2	3	4	5	6	7	8
A	E	C	B	D	C	B	D

TEST 8

1	2	3	4	5	6	7	8
C	E	C	D	A	E	E	D

TEST 9

1	2	3	4	5	6	7	8
A	A	A	D	B	B	B	C

TEST 10

1	2	3	4	5	6	7	8
E	D	E	C	E	D	C	A

TEST 11

1	2	3	4	5	6	7	8
B	B	B	E	A	A	D	A

TEST 12

1	2	3	4	5	6	7	8
C	D	B	B	D	C	D	E

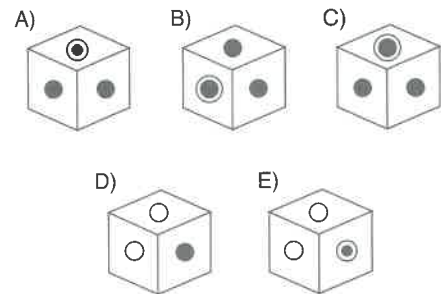
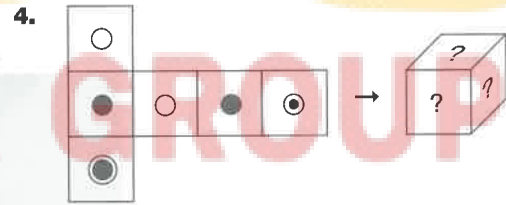
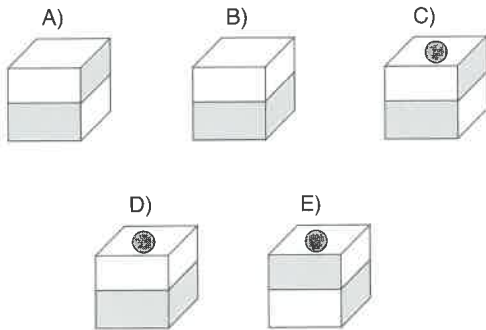
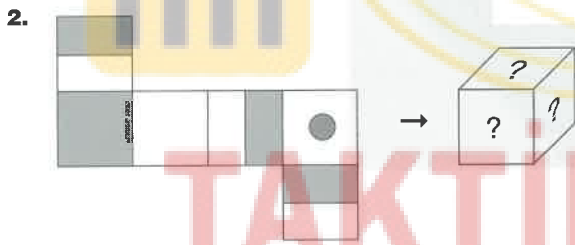
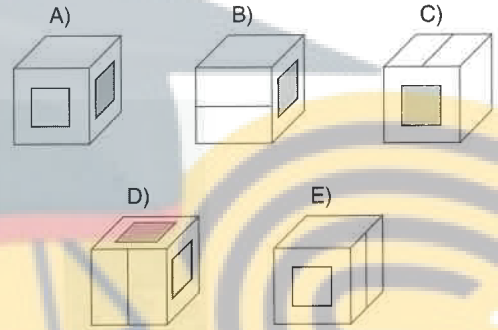
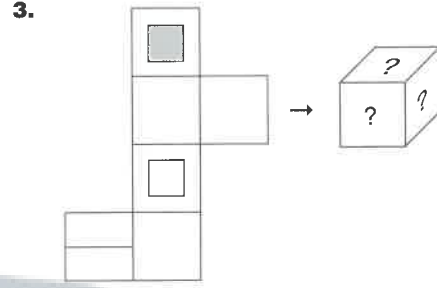
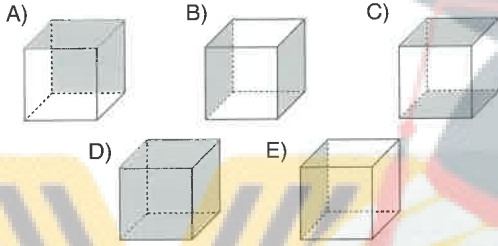
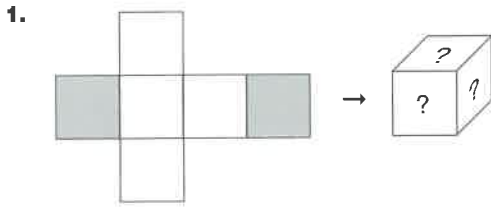


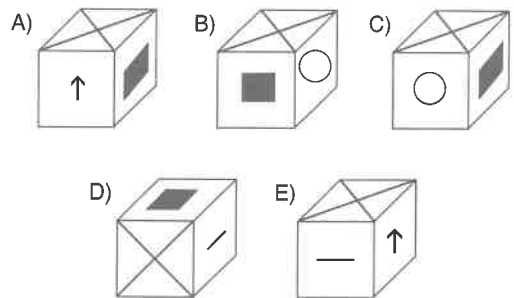
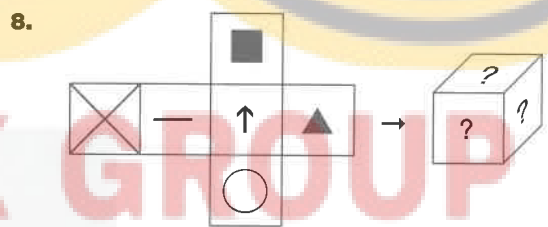
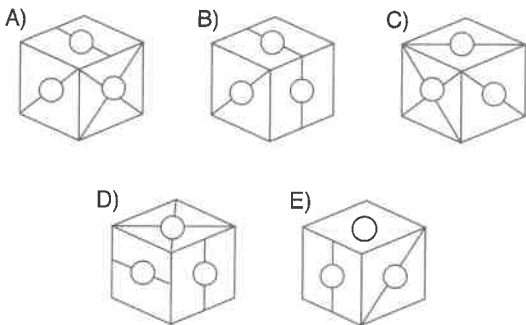
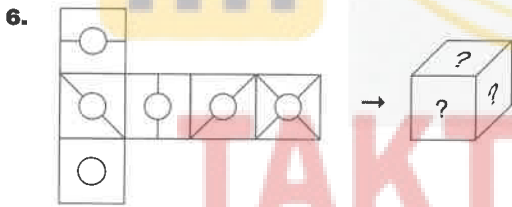
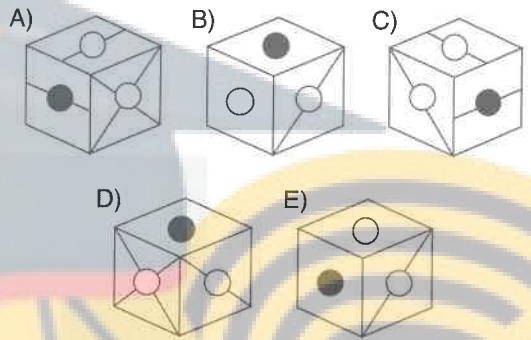
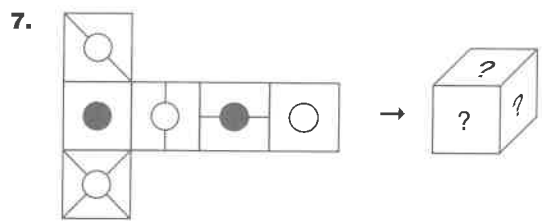
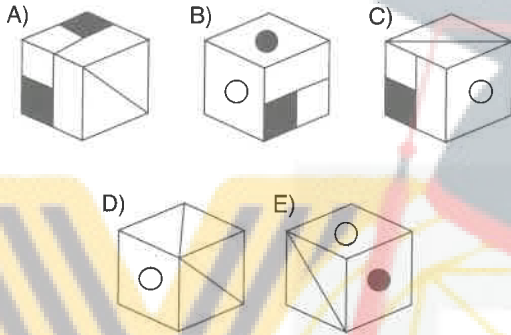
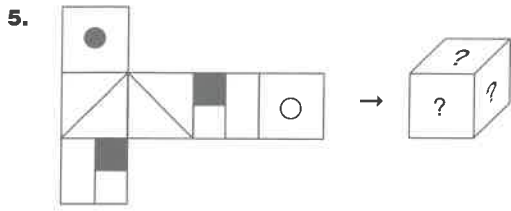
ŞEKİL İLİŞKİLERİ
3 BOYUTLU CİSİMLER
FIGURE RELATIONS
3D OBJECTS

TAKTİK GROUP

ŞEKİL İLİŞKİLERİ-3 BOYUTLU CİSİMLER

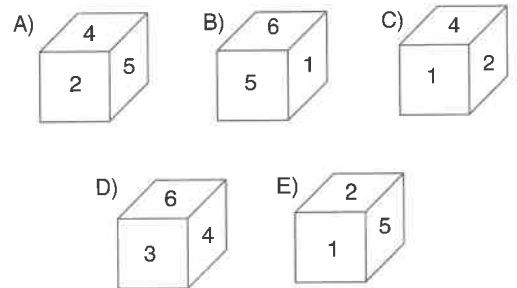
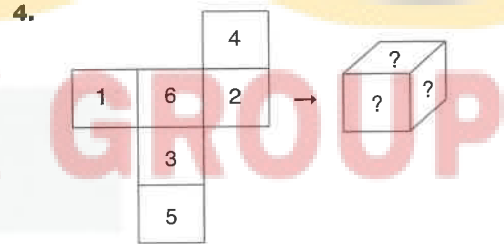
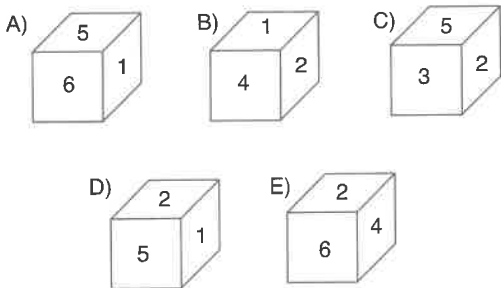
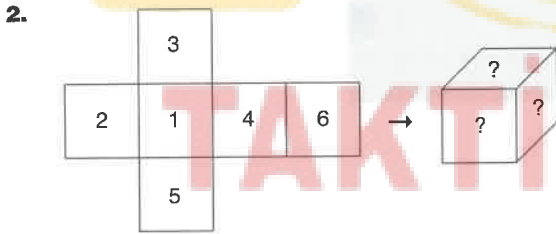
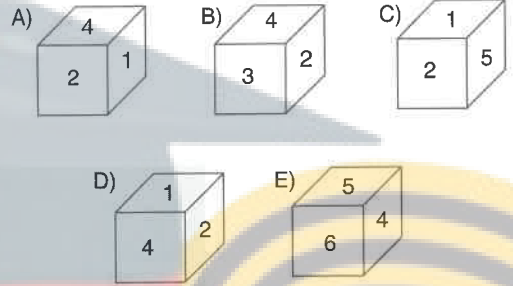
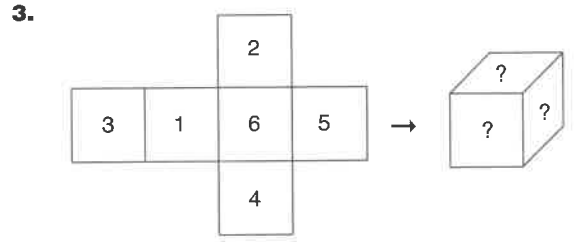
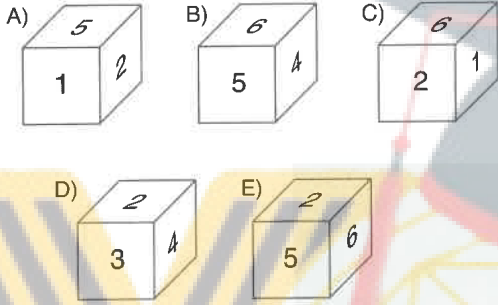
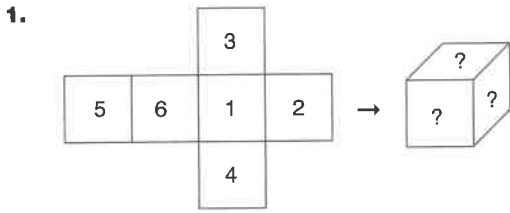
TEST 1

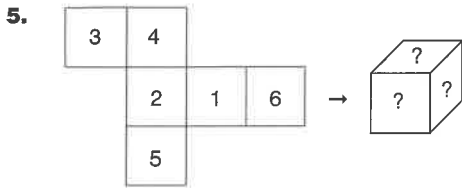




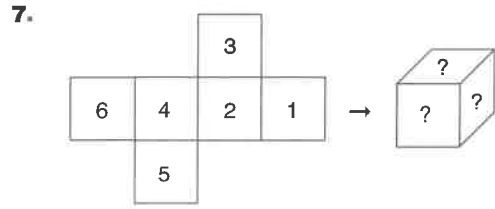
ŞEKİL İLİŞKİLERİ-3 BOYUTLU CİSİMLER

TEST 2

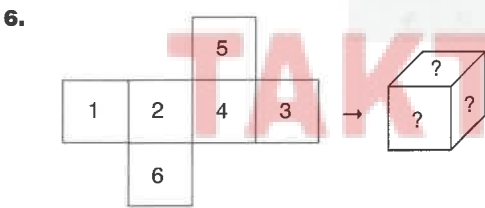




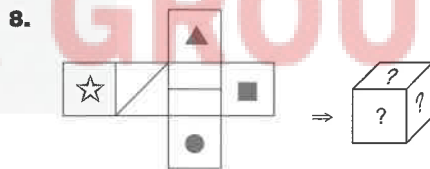
- A)
- B)
- C)
- D)
- E)



- A)
- B)
- C)
- D)
- E)

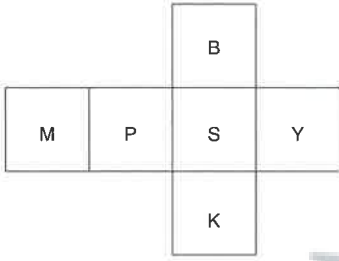


- A)
- B)
- C)
- D)
- E)



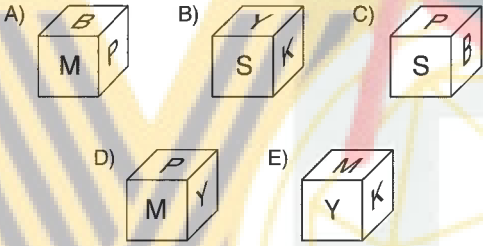
- A)
- B)
- C)
- D)
- E)

1.

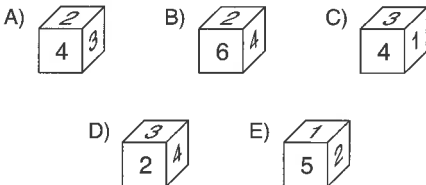
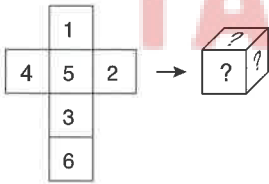


Aşağıdakilerden hangisi yukarıdaki nesnenin kapalı hallerinden biri olamaz?

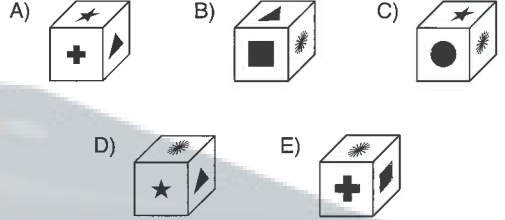
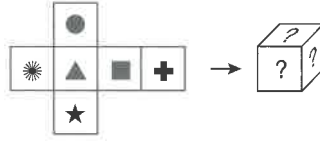
Which one of the followings could not be one of the folded form of the figure above?



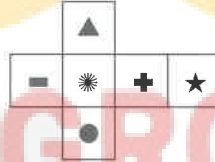
2.



3.

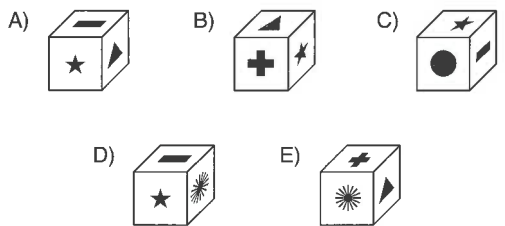


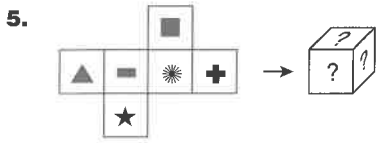
4.



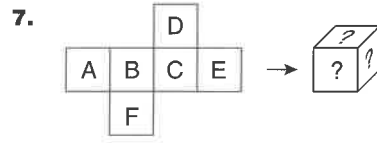
Aşağıdakilerden hangisi yukarıdaki küpün kapalı hallerinden biridir?

Which of the following does one of the object corresponds given above?

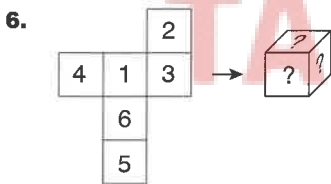




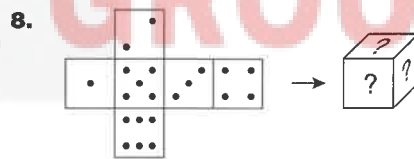
- A) B) C) D) E)



- A) B) C) D) E)



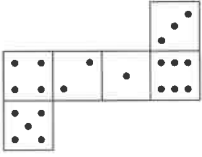
- A) B) C) D) E)



- A) B) C) D) E)

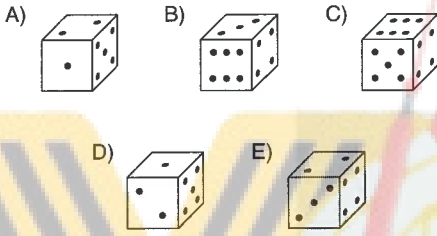
ŞEKİL İLİŞKİLERİ-3 BOYUTLU CİSİMLER

1.

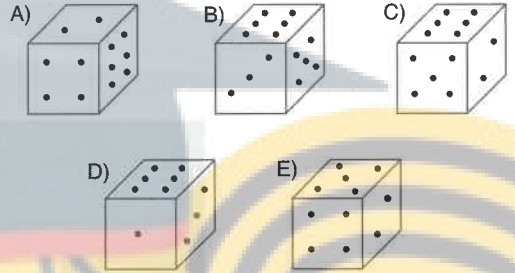
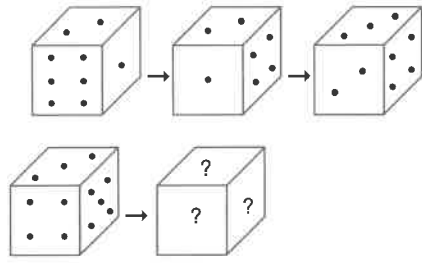


Aşağıdakilerden hangisi yukarıdaki küpün kapalı hallerinden biri değildir?

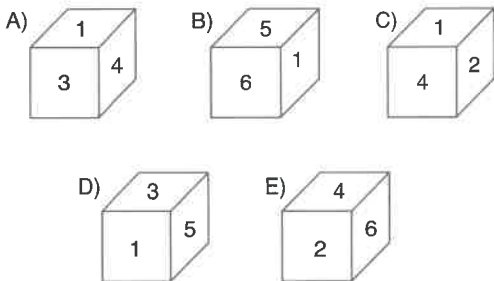
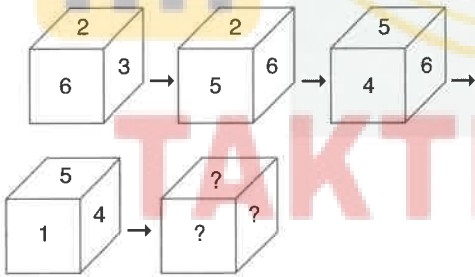
Which of the following does not one of the object corresponds given above?



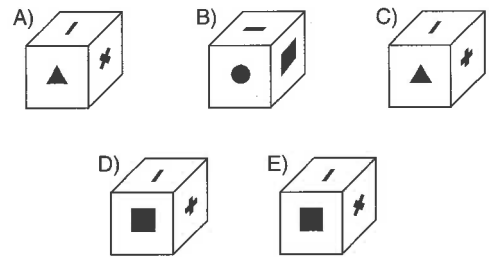
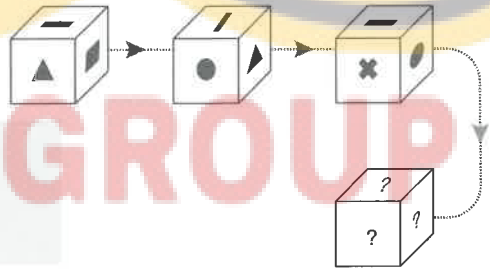
3.

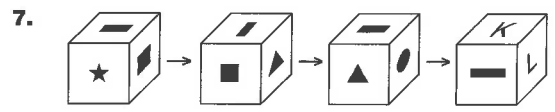
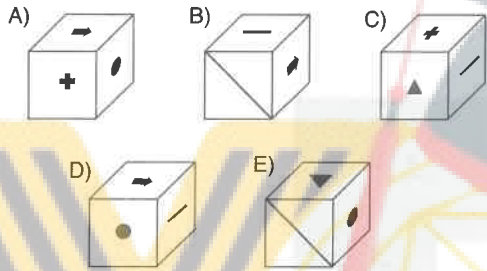
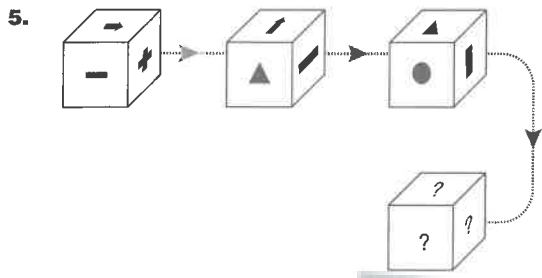


2.



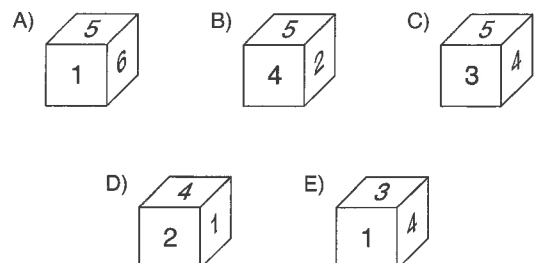
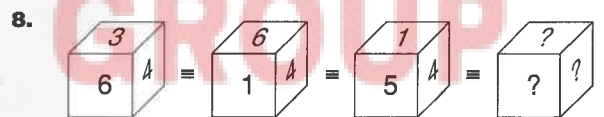
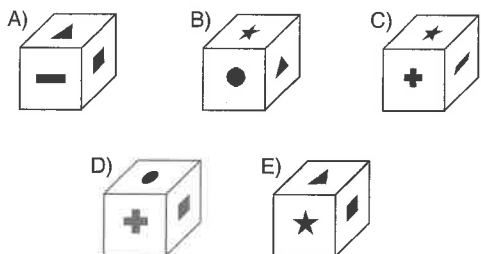
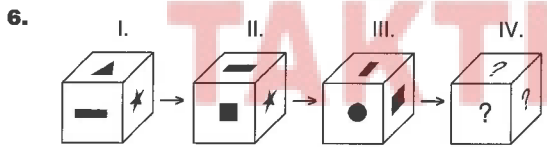
4.

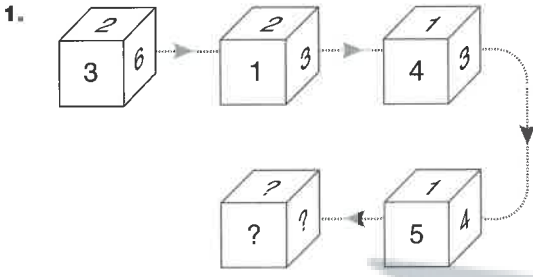




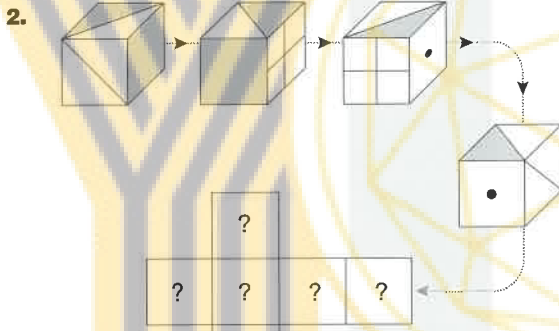
K = ? L = ?

	K	L
A)	★	●
B)	●	★
C)	■	■
D)	+	●
E)	★	▲

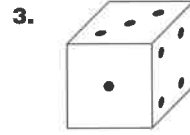




- A) B) C)
- D) E)



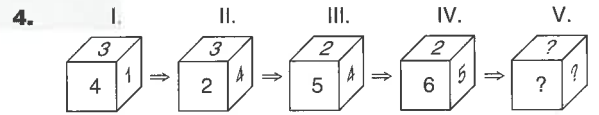
- A)
- B)
- C)
- D)
- E)



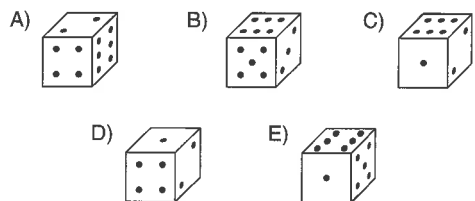
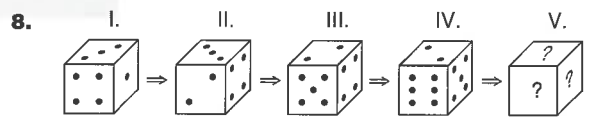
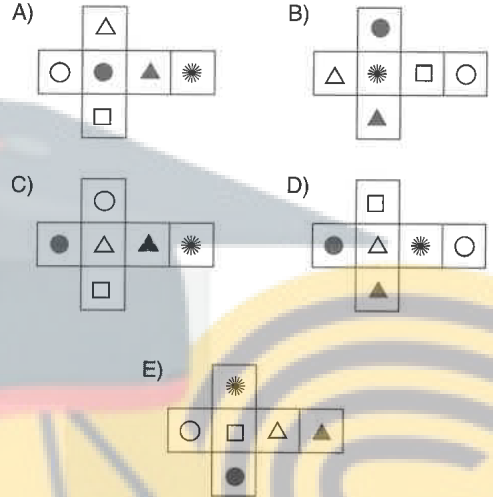
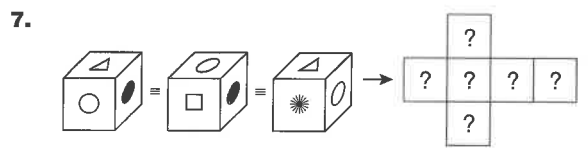
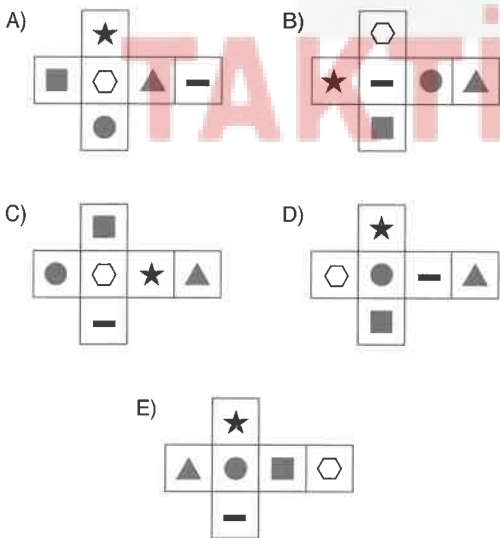
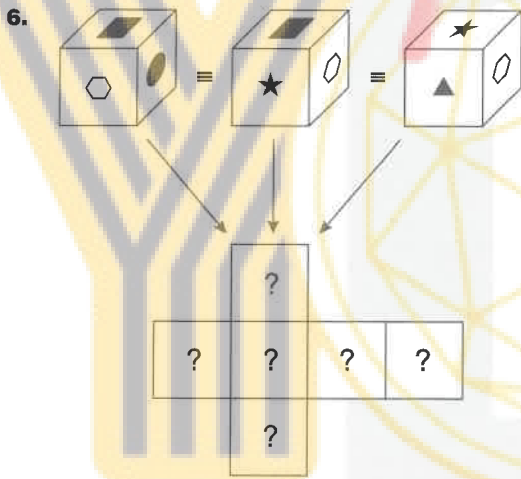
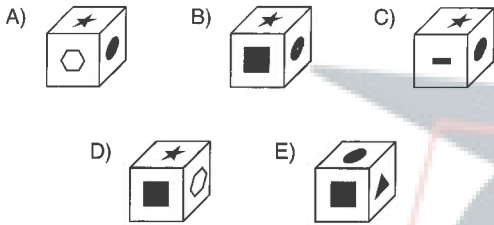
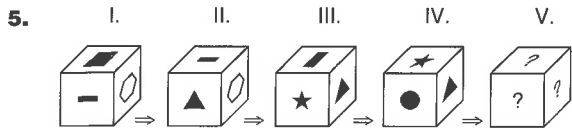
Yukarıdaki küpte görünen yüzeylerin karşı yüzelerinde, görünenlerin iki katı nokta olduğuna göre, aşağıdakilerden hangisi bu kübün başka bir görünümüdür?

In the cube above opposite sides includes twice as much points of the sides seen. Which one of the following cube is the another view of this cube?

- A) B) C)
- D) E)



- A) B) C)
- D) E)



1.

I. II. III.

V. V. IV.

A) B) C)
D) E)

3.

I. II. III. IV.

A) B) C)
D) E)

2.

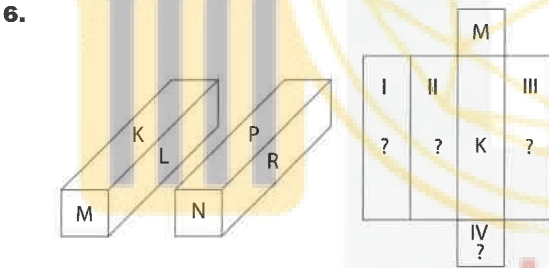
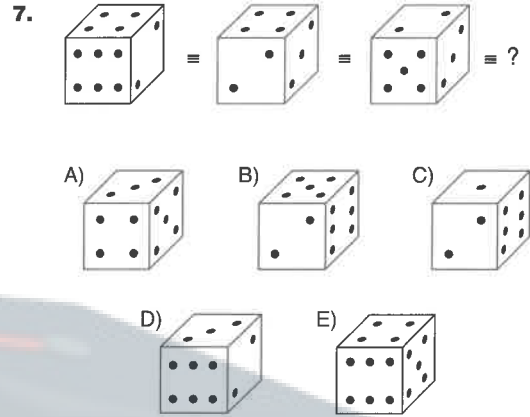
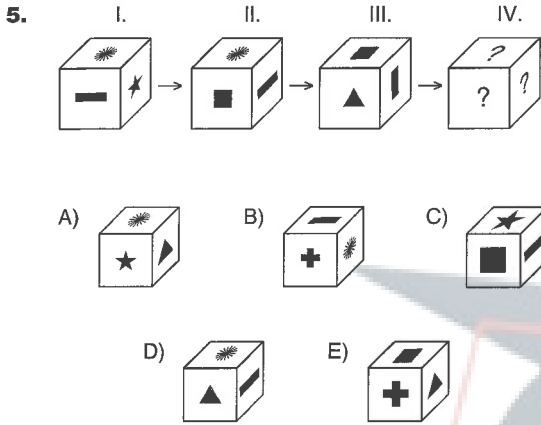
I. II. III. IV.

A) B) C)
D) E)

4.

I. II. III. IV.

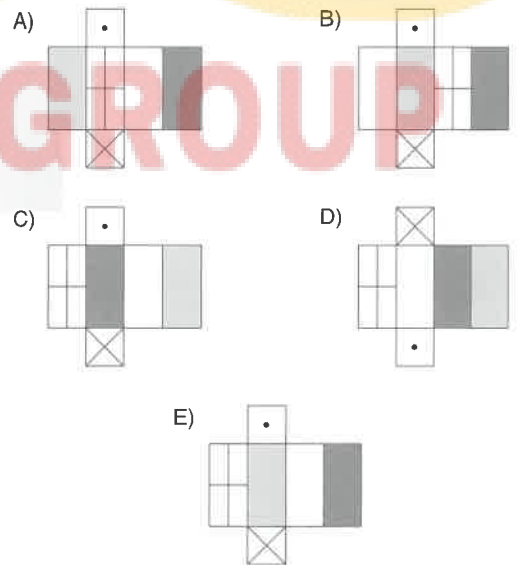
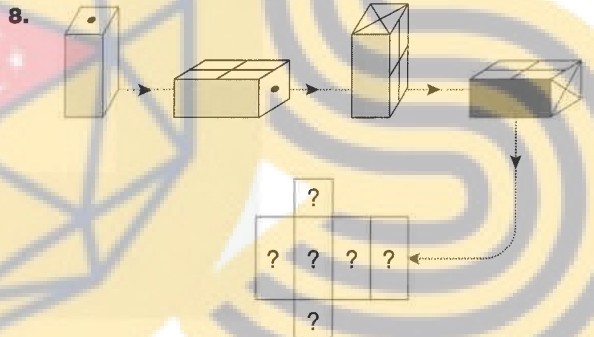
A) B) C)
D) E)

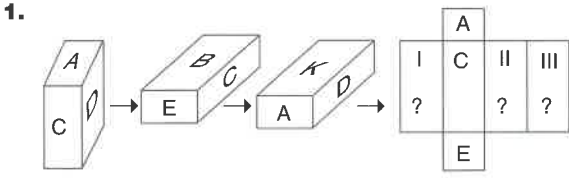


Yukarıdaki ikinci şekil, parçalar koparılmadan birinci şekilden elde edilmiştir. İkinci şekildeki I, II, III ve IV yerine hangi harfler gelmelidir?

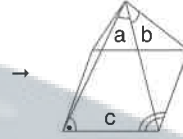
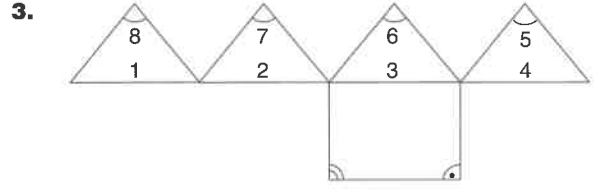
The second figure is obtained from the first without any separation of the parts. What letters do I, II, III and IV respectively stand for in the second figure?

- | | I | II | III | IV |
|----|---|----|-----|----|
| A) | P | L | R | N |
| B) | R | L | P | N |
| C) | L | P | R | N |
| D) | P | R | L | N |
| E) | R | L | N | P |



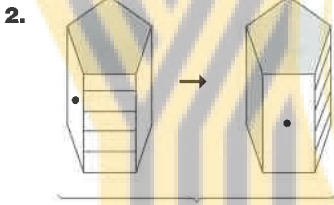


- | | I | II | III |
|----|---|----|-----|
| A) | B | D | K |
| B) | D | B | K |
| C) | K | D | B |
| D) | K | B | D |
| E) | D | K | B |

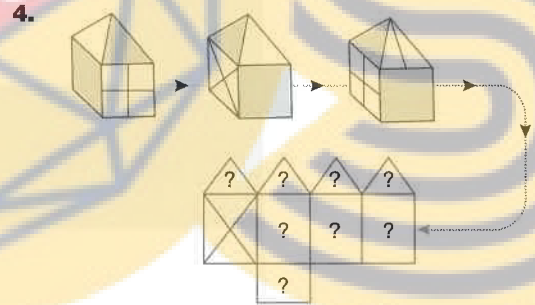


$\Rightarrow a = ?$
 $b = ?$
 $c = ?$

- | | a | b | c |
|----|---|---|---|
| A) | 6 | 7 | 3 |
| B) | 6 | 5 | 3 |
| C) | 8 | 7 | 1 |
| D) | 8 | 5 | 1 |
| E) | 6 | 7 | 1 |



- | | | | |
|----|--|----|--|
| A) | | B) | |
| C) | | D) | |
| E) | | | |



- | | | | |
|----|--|----|--|
| A) | | B) | |
| C) | | D) | |
| E) | | | |

5.

A) B) C) D) E)

7.

A) B) C) D) E)

6.

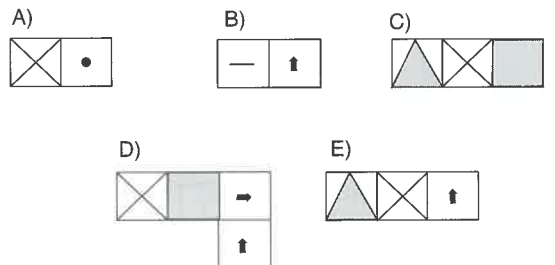
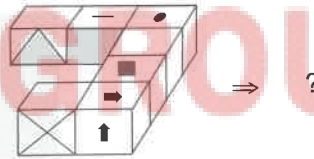
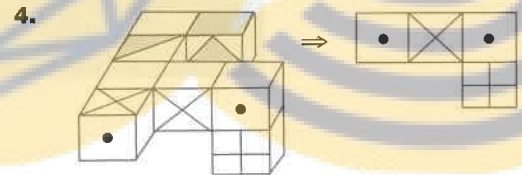
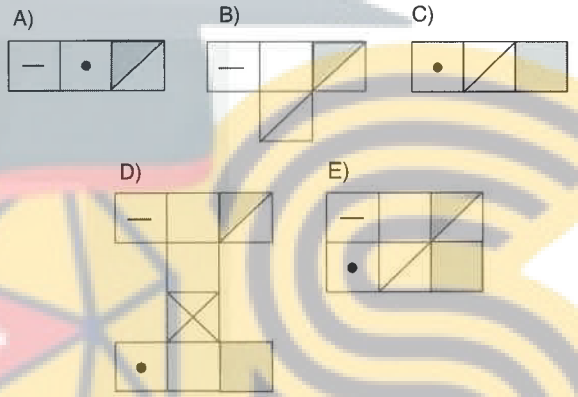
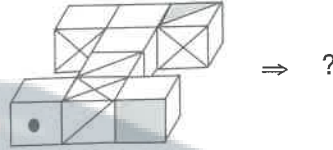
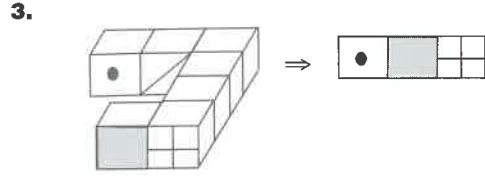
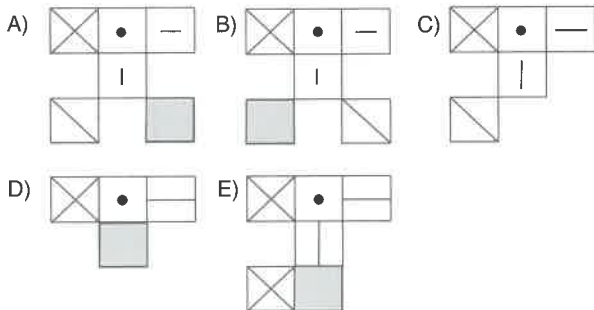
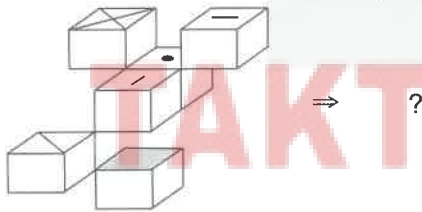
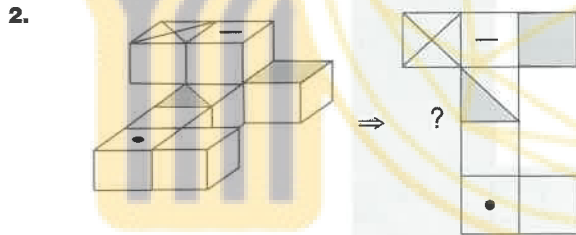
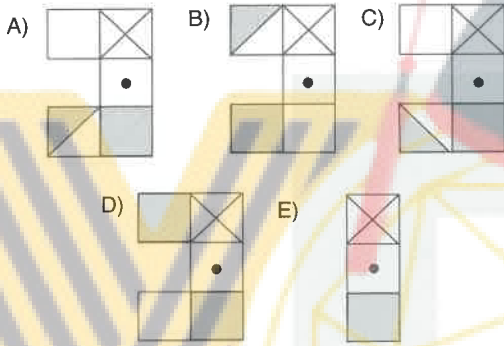
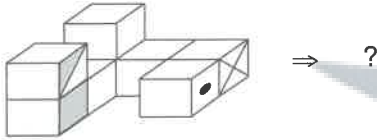
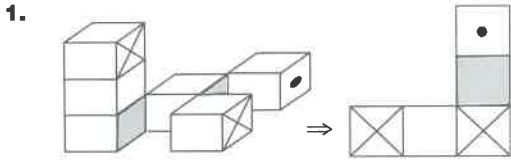
A) B) C) D) E)

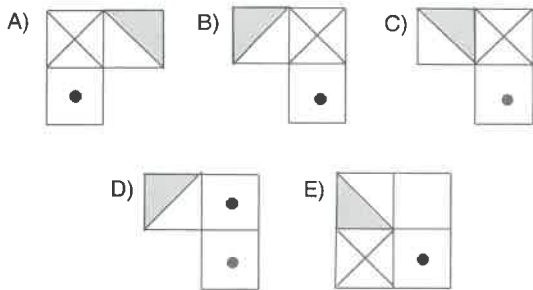
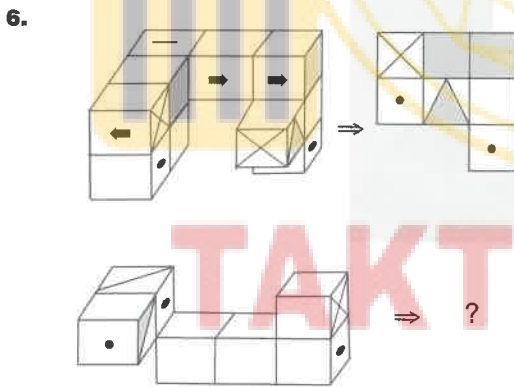
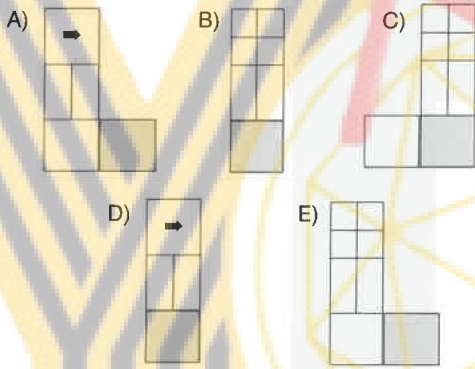
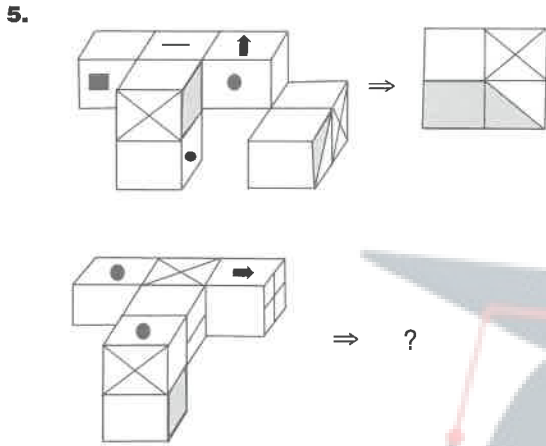
PUZAYAYINLARI

8.

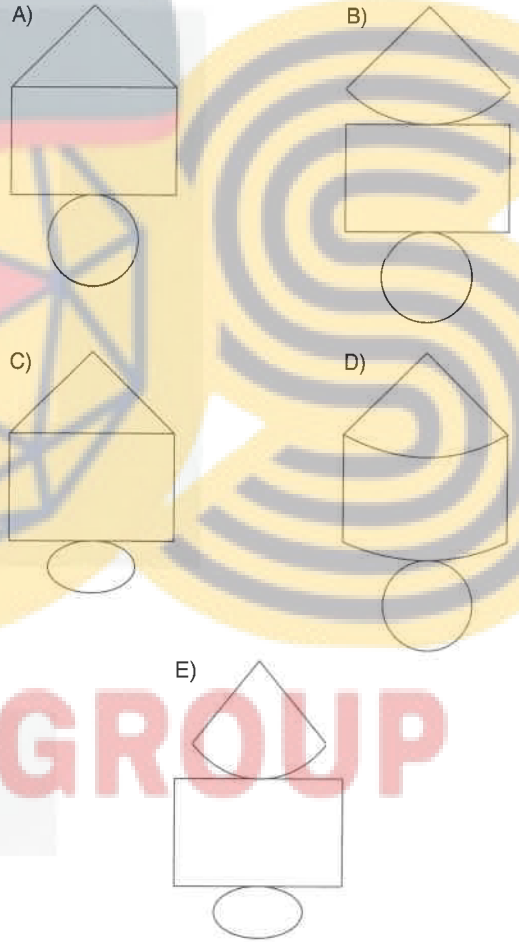
A) B) C) D) E)

TAKTİK GROUP





Aşağıdakilerden hangisi yukarıdaki şeklin açılmış halidir?
Which of the followings is unfolded form of given figure above?

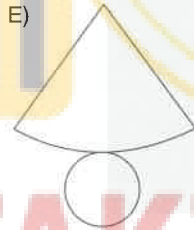
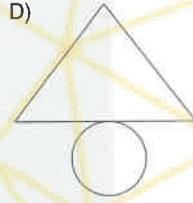
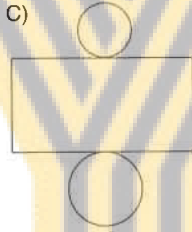
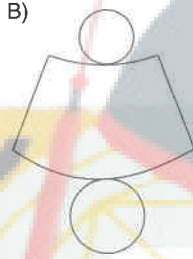
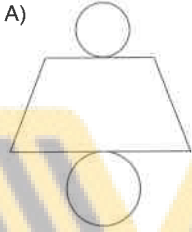


ŞEKİL İLİŞKİLERİ-3 BOYUTLU CİSİMLER

1.



Aşağıdakilerden hangisi yukarıdaki şeklin açılmış halidir?
Which of the followings is unfolded form of given figure above?

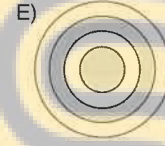
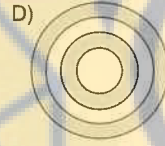
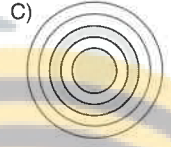
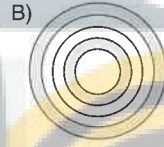
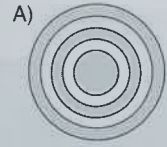


2.

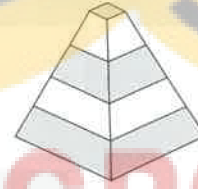


Yukarıda verilen şeklin üstten görünümü aşağıdakilerden hangisidir?

Which of the followings is top view of given figure above?

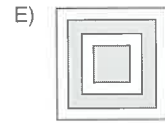
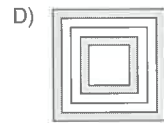
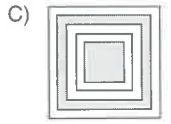
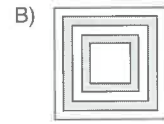
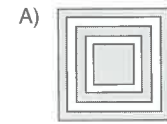


3.

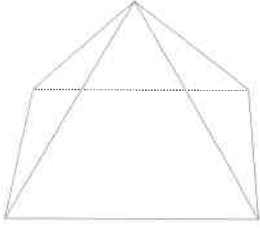


Yukarıda verilen şeklin üstten görünümü aşağıdakilerden hangisidir?

Which of the followings is top view of given figure above?

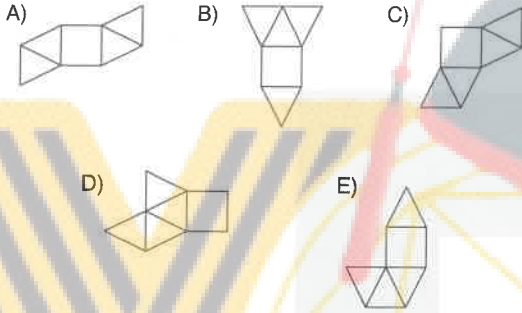


4.

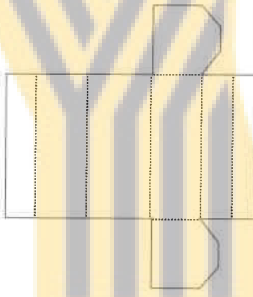


Aşağıdakilerden hangisi bu nesnenin açılımı değildir?

Which of the following does represent one of the don't unfolded form of the same object?

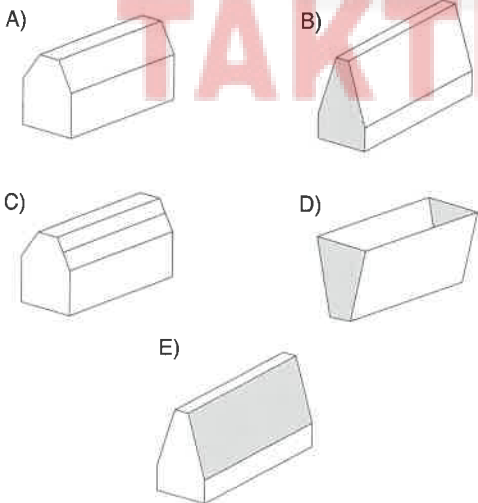


5.

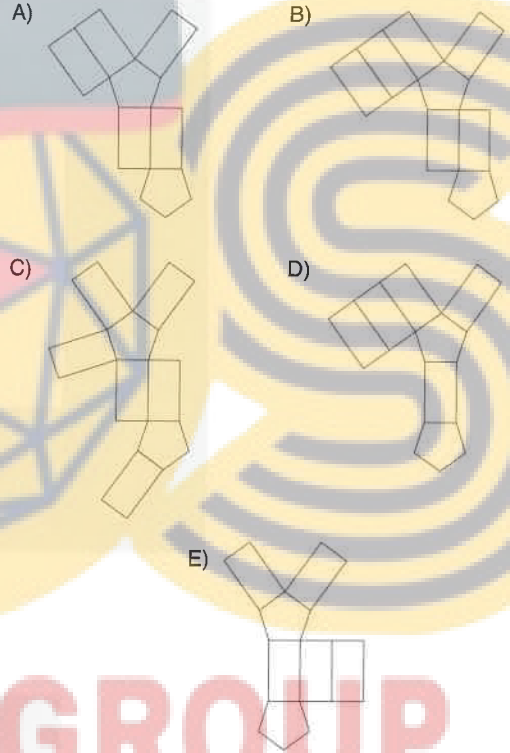
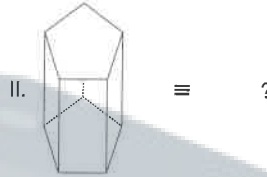
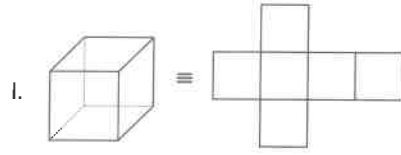


Aşağıdakilerden hangisi şeklin kapalı halidir?

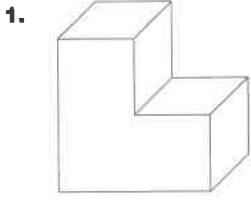
Which of the following correspond to figure above?



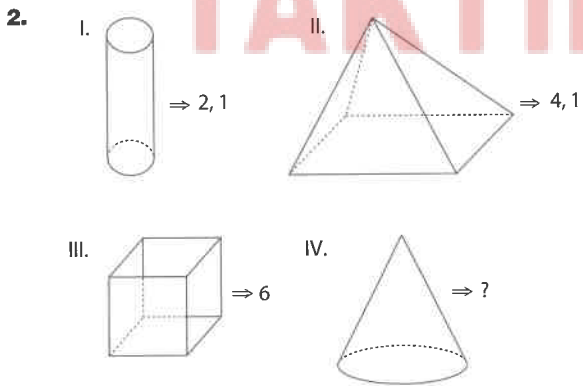
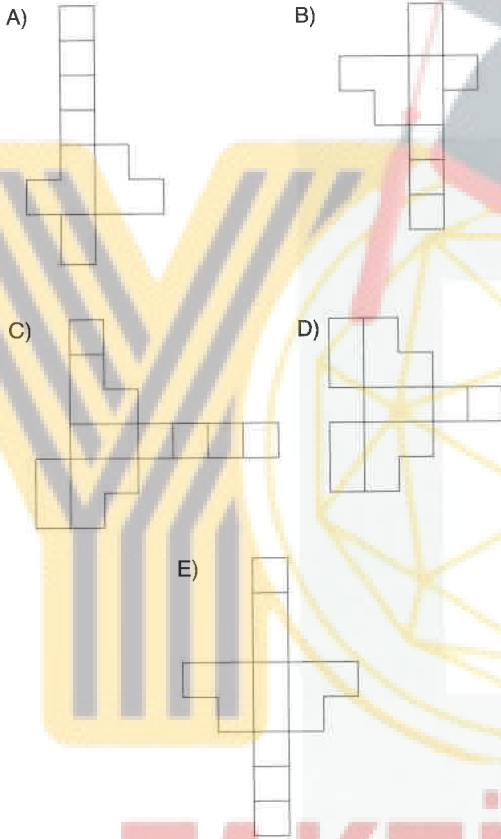
6.



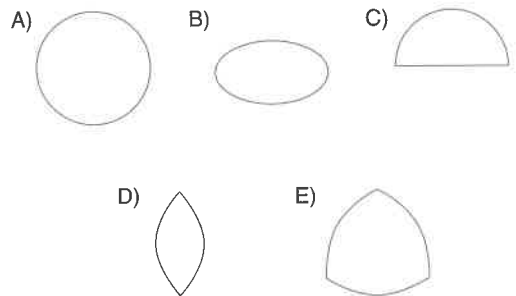
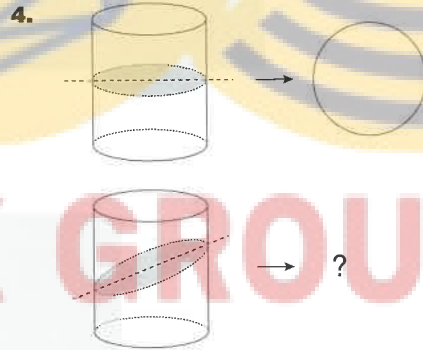
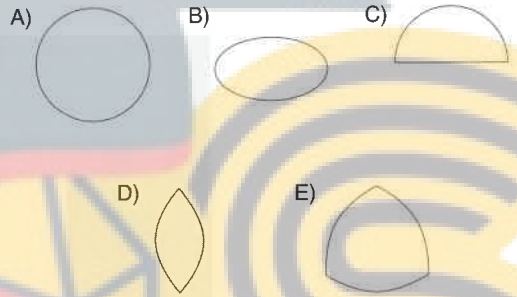
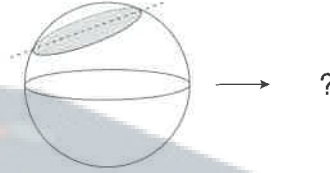
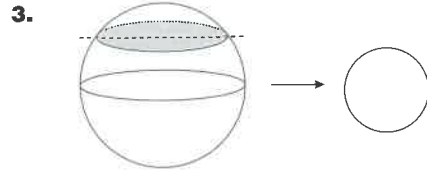
ŞEKİL İLİŞKİLERİ-3 BOYUTLU CİSİMLER

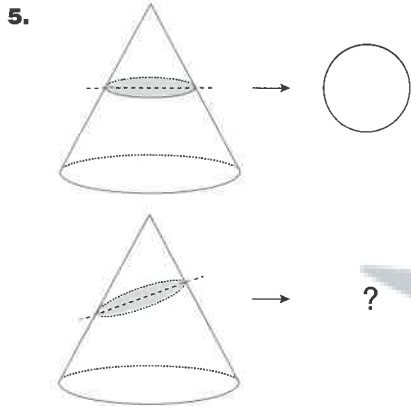


Aşağıdakilerden hangisi yukarıdaki şeklin açılmış halidir?
Which of the followings is unfolded form of given figure above?

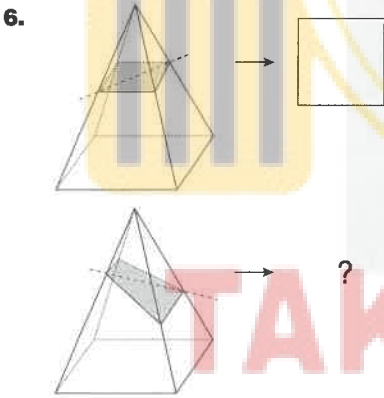


- A) 1 B) 1,1 C) 2,1 D) 2 E) 1,2,1

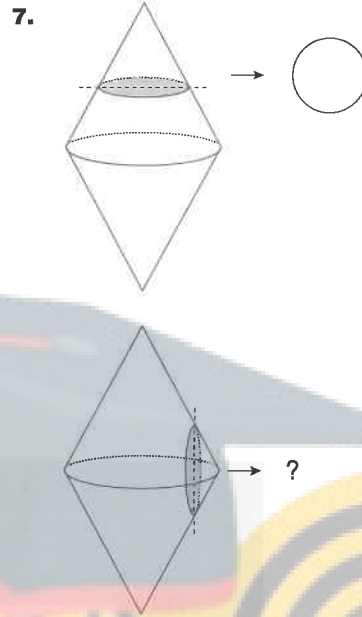




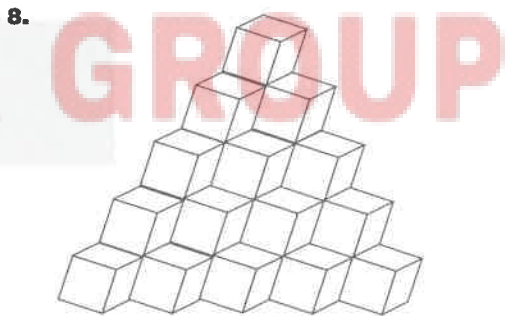
- A) B) C) D) E)



- A) B) C) D) E)



- A) B) C) D) E)



Yukandaki şekilde görünmeyen kaç küp vardır?

How many cubes are there in given figure above, which can't be seen?

- A) 16 B) 20 C) 28 D) 32 E) 36

ŞEKİL İLİŞKİLERİ 3 BOYUTLU CİSİMLER

FIGURE RELATIONS
3D OBJECTS

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8
A	B	E	D	E	A	E	D

TEST 2

1	2	3	4	5	6	7	8
B	D	E	A	A	D	E	B

TEST 3

1	2	3	4	5	6	7	8
D	E	D	B	D	A	E	B

TEST 4

1	2	3	4	5	6	7	8
A	A	B	E	E	D	A	C

TEST 5

1	2	3	4	5	6	7	8
B	E	B	E	B	A	A	E

TEST 6

1	2	3	4	5	6	7	8
A	B	E	C	E	B	B	E

TEST 7

1	2	3	4	5	6	7	8
A	B	A	E	B	E	A	E

TEST 8

1	2	3	4	5	6	7	8
C	C	C	E	E	B	B	

TEST 9

1	2	3	4	5	6	7	8
B	B	A	E	A	A		

TEST 10

1	2	3	4	5	6	7	8
E	B	A	B	B	D	A	B

TAKTİK GROUP



ŞEKİL İLİŞKİLERİ
KAĞIT KESME-KATLAMA
FIGURE RELATIONS
PAPER CUTTING-FOLDING

TAKTIK GROUP

1.

I II III

A) B) C) D) E)

3.

I II III

A) B) C) D) E)

2.

I II III IV

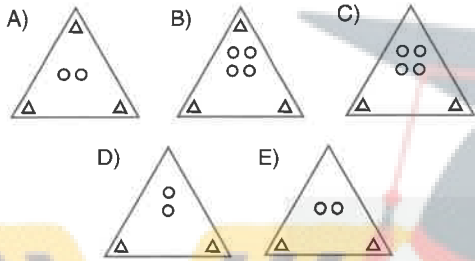
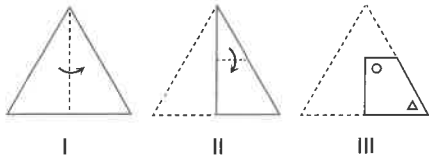
A) B) C) D) E)

4.

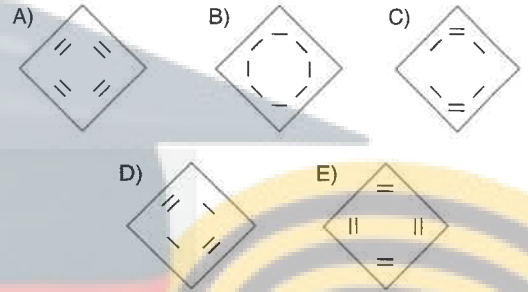
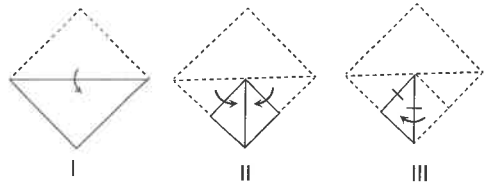
I II III

A) B) C) D) E)

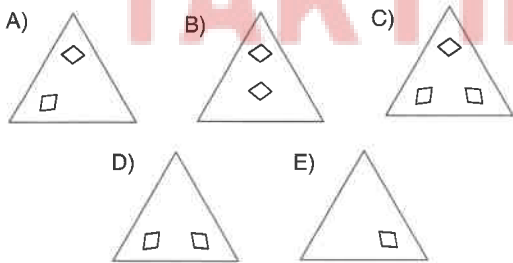
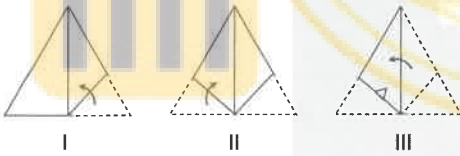
5.



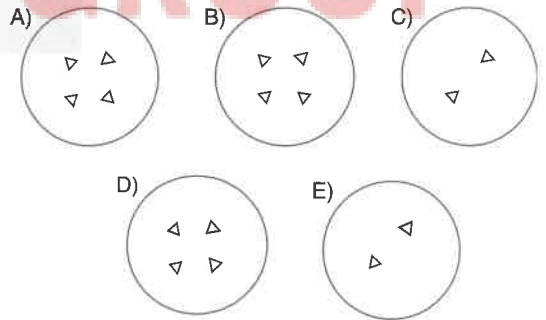
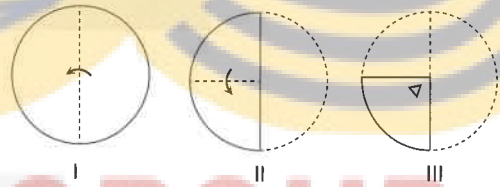
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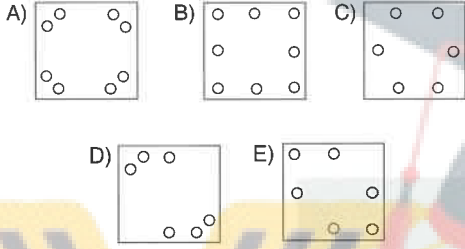
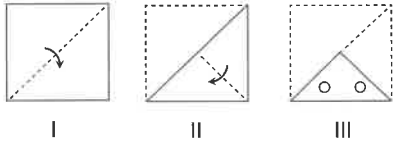
6.



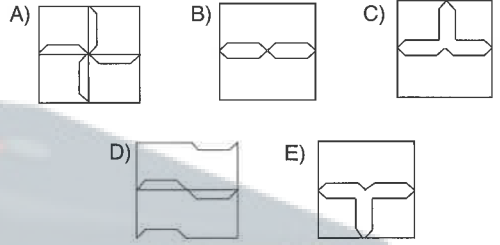
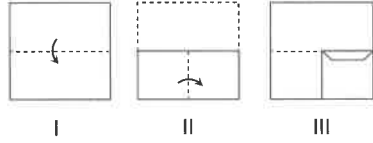
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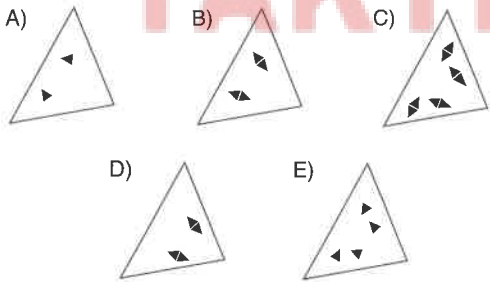
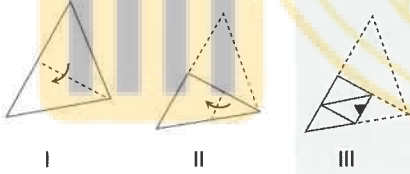
1.



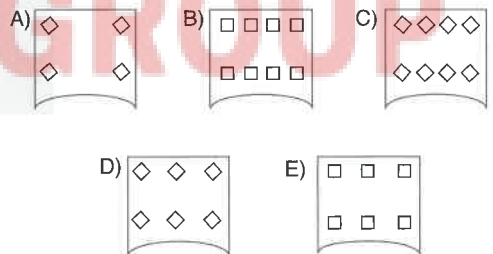
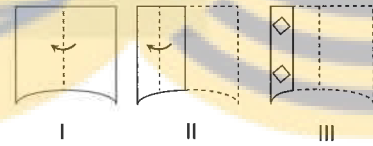
3.

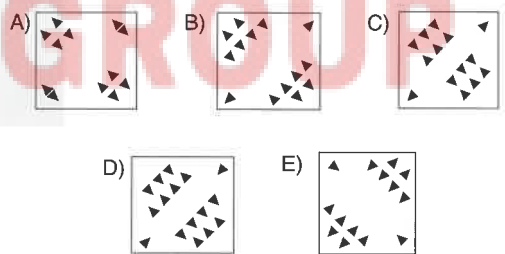
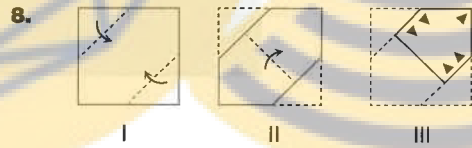
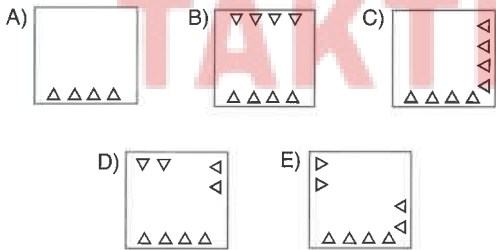
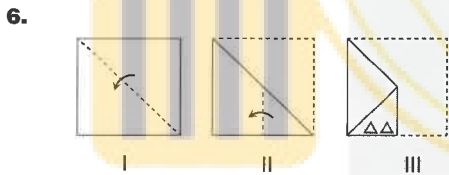
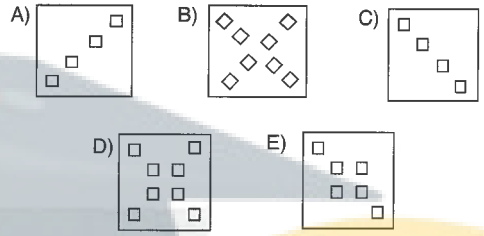
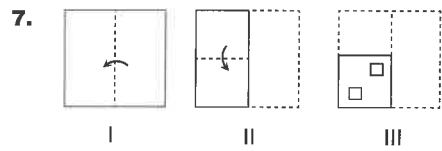
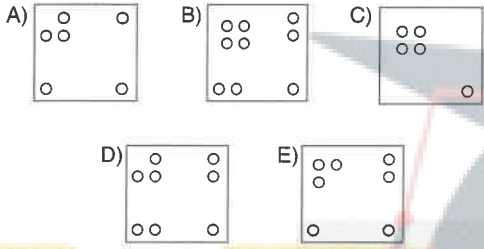
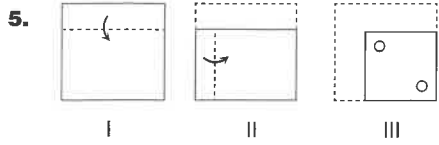


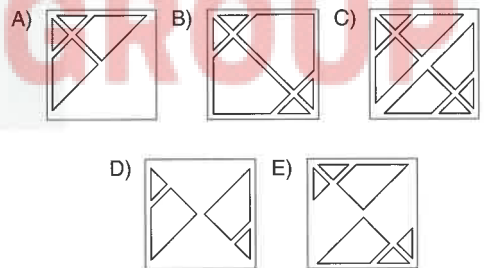
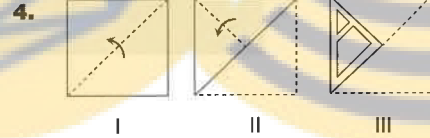
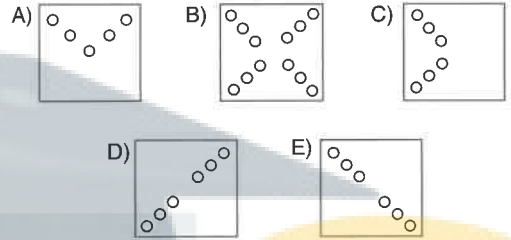
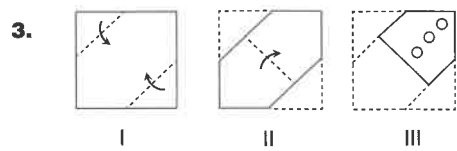
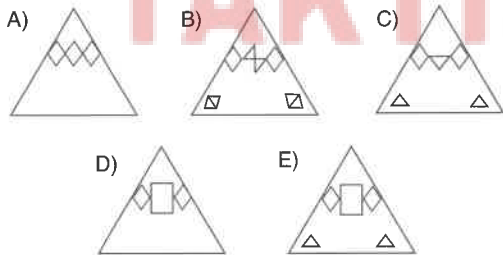
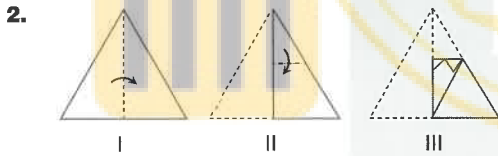
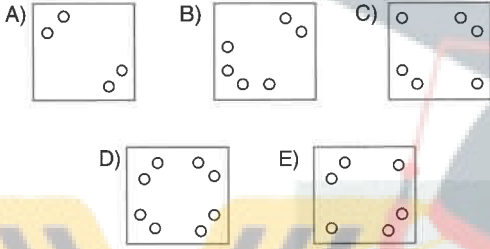
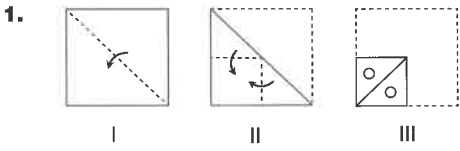
2.

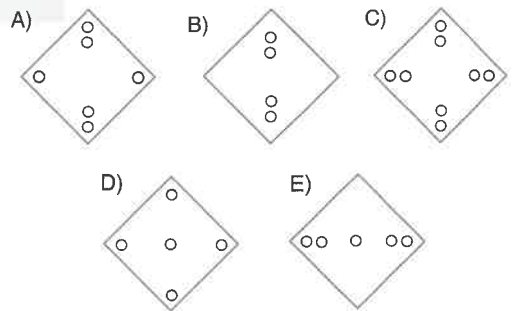
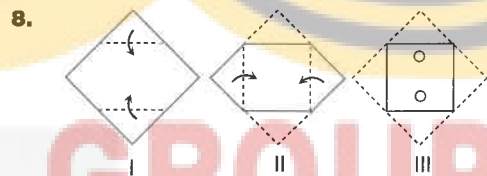
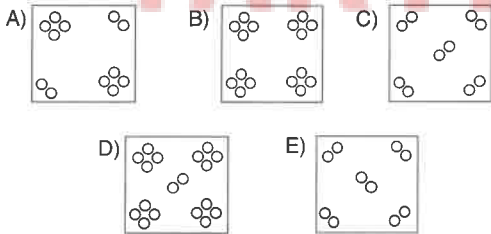
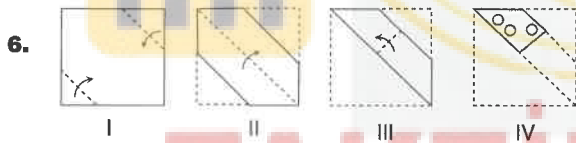
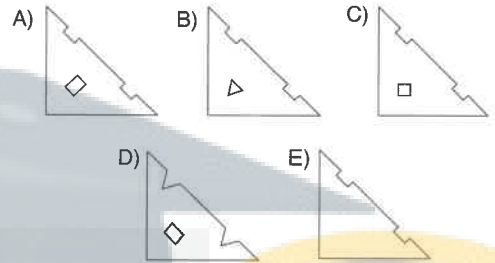
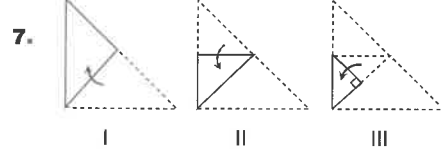
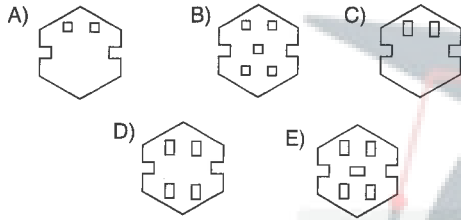
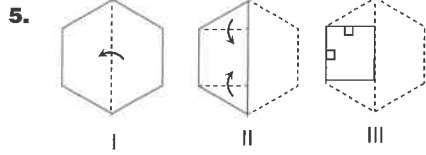


4.









1.

I II III

A) B) C) D) E)

3.

I II III

A) B) C) D) E)

2.

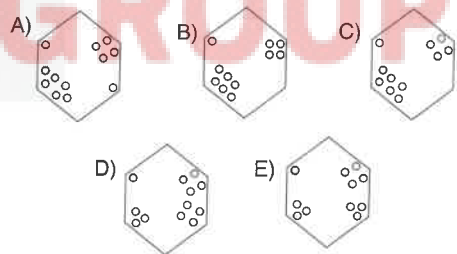
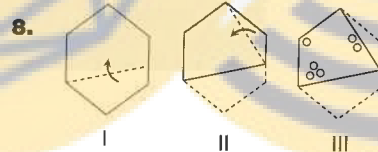
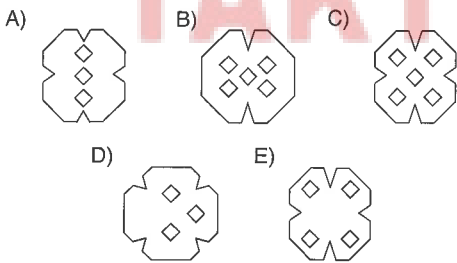
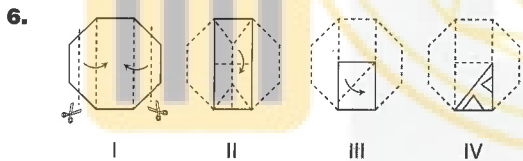
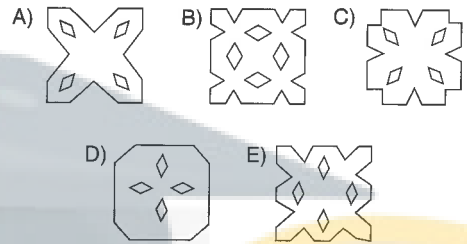
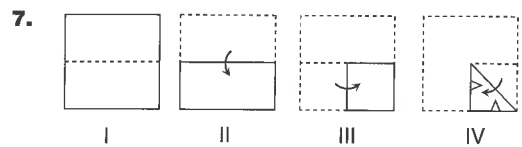
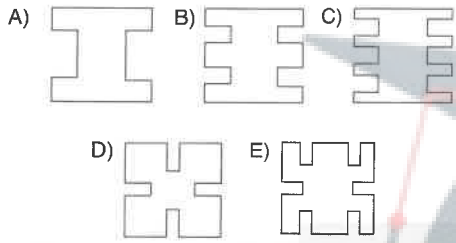
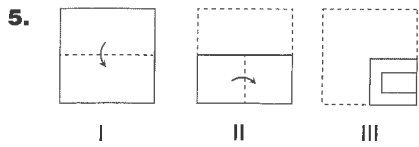
I II III

A) B) C) D) E)

4.

I II III

A) B) C) D) E)



**ŞEKİL İLİŞKİLERİ KAĞIT
KESME-KATLAMA**
FIGURE RELATIONS PAPER
CUTTING-FOLDING

YANIT ANAHTARI

ANSWER KEY

TEST 1

1	2	3	4	5	6	7	8
C	C	B	C	C	D	B	D

TEST 2

1	2	3	4	5	6	7	8
A	D	B	C	C	C	D	B

TEST 3

1	2	3	4	5	6	7	8
D	A	D	C	C	B	A	B

TEST 4

1	2	3	4	5	6	7	8
A	C	C	E	B	C	B	C

TAKTİK GRUPOU