

YÖS

IQ₃

Şekil Bağıntıları 9 16 81 KLM = MLK / XYZ numbers grafikler ∞

OPERATIONS 400 ? TABLOLAR 144 196 Şifreler

256 225 324 169 144 289 graphi

PASSWORDS 81 NUMBER FIGURE RELATIONS 64 Sayı Dizileri Number Series

49 İşlemler 36 Sayı Şekil İlişkileri (a*b)² = (a*b) - 7

121 S* INTELLIGENCE QUESTIONS ? 100

*	a	b	c
a	□	√	●
b	√	□	x

TABLES 343 289 1000 729

5² 12²

delta

Yunus KULLECI

YÖS

IQ₃

Yunus KULLECI

ÖNSÖZ

Sevgili YÖS adayları;

Bu kitap girecek olduğunuz Yabancı Uyruklu Öğrenci Sınavı'nın Genel Yetenek bölümünde sorular IQ sorularına daha etkili çalışabilmeniz için itinayla hazırlanmıştır.

Genel Yetenek Soruları temel olarak, Temel İşlem Becerileri-Şekil Sayı İlişkileri ve Şekil Bilgisi olmak üzere üç bölüme ayrılır.

Bu kitap üniversitelerin YÖS ölçmelerinde sorulan Genel Yetenek Bölümündeki soruların etüt edilip benzer şekilde ve çıkabilecek düzeyde testler hazırlanarak siz değerli öğrencilerimizin imkanına sunulmuştur.

Kitabın hazırlanmasında desteği eksik etmeyen değerli YÖS Danışmanı Süleyman AKBAŞ'a, Kurucu Müdür Halil İBİŞOĞLU'na ve desteklerinin yanı sıra emeği geçen değerli eşim Hilal Erva KULLECİ'ye teşekkürü bir borç bilirim.

Yolunuz ve zihniniz açık olsun.

Başarılar Dilerim

Matematik ve IQ Öğretmeni

Yunus KULLECİ

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BÖLÜM 1

CHAPTER 1

ŞİFRELER
PASSWORDS

BÖLÜM 1
CHAPTER 1

ŞİFRELER
PASSWORDS

TEST - 1

- ★ Bu bölümdeki sorularda 1. gruptaki kümelerin şekilleri harfleri veya rakamları, birer şekil harf veya rakamla gösterilerek II. gruptaki şekiller, harfler veya rakamlar elde edilmiştir.

Soru işareti ile belirtilen şekillerin, harflerin veya rakamların hangi şekil, harf veya rakam olduğunu bulunuz.

Her simge, harf, şekil veya sayı yalnızca bir simge, harf, şekil veya sayı ile eşleştirilmesine dikkat ediniz.

Aşağıdaki bilgiler yardımıyla 1.-9. soruları çözünüz.

- ◆ = 0
● = 1
○ = 2
⊕ = 3
△ = 4
□ = 5
▲ = 6
■ = 7
♥ = 8
★ = 9

1. ○ + ● + □ = ?

- A) ♥ B) ▲ C) ■ D) ○ E) ●

2. $\frac{● \circ}{\Delta} = ?$

- A) ⊕ B) ★ C) ♥ D) □ E) ■

3. □² = ?□

- A) △ B) ▲ C) ■ D) ○ E) ●

4. $\frac{■ \blacktriangle + \bullet \triangle}{★} = ??$

- A) ●▲ B) ●△ C) ○△ D) ◆○ E) ●◆

5. $\sqrt{\frac{\Delta \square + \square \Delta}{\bullet \bullet}} = ?$

- A) ◆ B) ● C) ○ D) ⊕ E) △

6. $\sqrt{\bullet\Delta\Delta} + \sqrt{\Delta\star} - \circ^{\bullet} = ?$

- A) $\bullet\Box$ B) $\circ\blacksquare$ C) $\bullet\blacksquare$ D) $\circ\Delta$ E) $\Delta\Delta$

7. $\Delta + (\Box + \blacksquare) \cdot \blacktriangle - \Box\blacksquare = ?$

- A) $\Delta\Delta$ B) $\star\circ$ C) $\star\Box$ D) $\star\blacksquare$ E) $\bullet\star$

8. $\frac{\bullet}{\circ} + \frac{\bullet}{\oplus} + \frac{\bullet}{\blacktriangle} = ?$

- A) \blacklozenge B) \circ C) \bullet D) \blacktriangle E) \blacksquare

9. $\frac{\bullet + \frac{\bullet}{\circ}}{\oplus - \frac{\bullet}{\oplus}} \cdot \oplus = ?$

- A) \oplus B) \blacktriangle C) $\frac{\Box\circ}{\blacktriangle\bullet}$
D) $\frac{\circ\blacksquare}{\bullet\blacktriangle}$ E) $\frac{\circ\Box}{\bullet\Delta}$

10. $\Delta! + \oplus! = ?$

- A) $\oplus\blacklozenge$ B) \blacksquare C) $\blacklozenge\blacksquare$ D) $\bullet\blacksquare$ E) $\Delta\Box$

11. $\frac{\Delta}{\Box} = \blacklozenge, ?$

- A) \star B) \heartsuit C) \blacksquare D) \blacklozenge E) Δ

CEVAPLAR / ANSWERS

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

BÖLÜM 1
CHAPTER 1
ŞİFRELER
PASSWORDS
TEST - 2

- ★ Bu konuda tekrar etmeniz gerekenler.
 Her simge sadece bir simge ile eşleştirilir.
 Verilen ifadelerin karşılıkları şıklarda aranmalıdır.

$$1. \left. \begin{array}{l} A \ L \\ | \ L \\ A \ K \\ L \ A \\ K \ E \end{array} \right\} \Rightarrow | \ L = ?$$

- A) 09 B) 91 C) 18 D) 30 E) 90

$$2. \left. \begin{array}{l} K \ A \\ A \ \$ \\ M \ \$ \\ K \ L \\ \$ \ M \end{array} \right\} \Rightarrow K \ L = ?$$

- A) += B) . = C) x +
 D) = . E) x :

$$3. \left. \begin{array}{l} \triangle \square \\ \square \bullet \\ \blacktriangle \square \\ \blacktriangle \triangle \\ \bullet \blacktriangle \end{array} \right\} \Rightarrow \square \bullet = ?$$

- A) 95 B) 50 C) 89 D) 08 E) 09

$$4. \left. \begin{array}{l} 2 \ 6 \ 7 \\ 9 \ 6 \ 5 \\ 7 \ 8 \ 3 \\ 1 \ 4 \ 1 \\ 2 \ 1 \ 5 \end{array} \right\} \Rightarrow 2 \ 1 \ 5 = ?$$

- A) SİL B) ÇİM C) LOP
 D) SAM E) AZA

$$5. \left. \begin{array}{l} A \ L \ A \\ E \ L \ A \\ E \ B \ E \\ A \ B \ A \\ A \ B \ I \end{array} \right\} \Rightarrow E \ L \ A = ?$$

- A) 247 B) 747 C) 737 D) 736 E) 232

$$6. \left. \begin{array}{l} K \ A \ S \\ S \ E \ L \\ S \ A \ L \\ K \ A \ P \\ S \ A \ P \end{array} \right\} \Rightarrow S \ A \ L = ?$$

- A) 709 B) 509 C) 503 D) 705 E) 543

7. $\left. \begin{array}{l} \square \triangle \blacksquare \\ \bigcirc \square \blacksquare \\ \triangle \bigcirc \blacktriangle \\ \triangle \blacksquare \bigcirc \\ \square \blacktriangle \square \end{array} \right\} \Rightarrow \triangle \blacksquare \bigcirc = ?$

- A) 875 B) 856 C) 969 D) 597 E) 987

8. $\left. \begin{array}{l} K A Ç \\ L A F \\ N A L \\ M A L \\ K A M \end{array} \right\} \Rightarrow N A L = ?$

- A) 734 B) 436 C) 135 D) 138 E) 834

9. $\left. \begin{array}{l} K E S \\ E F E \\ F E L \\ A F A \\ S A L \end{array} \right\} \Rightarrow F E L = ?$

- A) 572 B) 679 C) 858 D) 982 E) 757

10. $\left. \begin{array}{l} M E R T \\ D Ü R T \\ D E R T \\ D Ö R T \\ K U R T \end{array} \right\} \Rightarrow D E R T = ?$

- A) 4057 B) 3057 C) 3957
D) 3657 E) 8257

11. $\left. \begin{array}{l} 6 4 0 5 \\ 6 4 0 5 \\ 2 4 0 5 \\ 3 4 3 5 \\ 3 5 3 4 \end{array} \right\} \Rightarrow 2 4 0 5 = ?$

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

CEVAPLAR / ANSWERS

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

BÖLÜM 1
CHAPTER 1
ŞİFRELER
PASSWORDS
TEST - 3

1. $\left. \begin{array}{l} K A R S \\ P E R T \\ S E R T \\ Y U R T \\ K U R T \end{array} \right\} \Rightarrow S E R T = ?$

- A) 4670 B) 3670 C) 1275
D) 5870 E) 1870

2. $\left. \begin{array}{l} S A Y I \\ K I Y I \\ A Y I K \\ B O Y A \\ S O B A \end{array} \right\} \Rightarrow K I Y I = ?$

- A) 1278 B) 8727 C) 3127
D) 5921 E) 3951

3. $\left. \begin{array}{l} T E L A \\ A T E L \\ İ L K E \\ K A T I \\ L A İ K \end{array} \right\} \Rightarrow İ L K E = ?$

- A) 6452 B) 5314 C) 2163
D) 4531 E) 1426

4. $\left. \begin{array}{l} K U R U \\ M A S A \\ Y A M A \\ R O R O \\ M A Y O \end{array} \right\} \Rightarrow Y A M A = ?$

- A) 9282 B) 8787 C) 1353
D) 1367 E) 6313

5. $\left. \begin{array}{l} 1 4 5 3 \\ 4 3 8 7 \\ 9 5 0 8 \\ 8 7 4 9 \\ 3 6 7 1 \end{array} \right\} \Rightarrow 3 6 7 1 = ?$

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

6. $\left. \begin{array}{l} R O K A \\ O R A K \\ A M O R \\ K R A T \\ T A K O \end{array} \right\} \Rightarrow K R A T = ?$

- A) 4653 B) 2341 C) 1425
D) 5342 E) 3524

$$7. \left. \begin{array}{l} 1 \ 3 \ 5 \ 3 \\ 1 \ 3 \ 6 \ 7 \\ 6 \ 3 \ 1 \ 3 \\ 8 \ 7 \ 8 \ 7 \\ 9 \ 2 \ 8 \ 2 \end{array} \right\} \Rightarrow 1 \ 3 \ 6 \ 7 = ?$$

- A) \triangle \blacktriangle \square \blacktriangle B) \circ \otimes \circ \otimes
 C) \bullet \oplus \circ \oplus D) \blacksquare \blacktriangle \triangle \blacktriangle
 E) \triangle \blacktriangle \blacksquare \otimes

$$8. \left. \begin{array}{l} S \ E \ D \ A \\ S \ A \ D \ E \\ S \ E \ M \ A \\ S \ E \ F \ A \\ S \ E \ R \ A \end{array} \right\} \Rightarrow S \ A \ D \ E = ?$$

- A) 9528 B) 9825 C) 9548
 D) 9568 E) 9578

$$9. \left. \begin{array}{l} K \ \ddot{U} \ N \ Y \ E \\ K \ O \ L \ Y \ E \\ F \ O \ L \ Y \ O \\ T \ O \ K \ Y \ O \\ L \ \ddot{U} \ F \ E \ R \end{array} \right\} \Rightarrow K \ O \ L \ Y \ E = ?$$

- A) 17952 B) 37957 C) 94320
 D) 67157 E) 14852

$$10. \left. \begin{array}{l} K \ B \ M \ O \\ O \ Y \ K \ A \\ E \ O \ K \ A \\ M \ A \ B \ O \\ B \ A \ E \ Y \end{array} \right\} \Rightarrow M \ A \ B \ O = ?$$

- A) 2139 B) 7951 C) 4127
 D) 3751 E) 5247

$$11. \left. \begin{array}{l} \epsilon = \subset \vee \\ \epsilon \neq \subset = \\ \epsilon = \supset \vee \\ \epsilon = \vee \exists \\ \epsilon = \cap \exists \end{array} \right\} \Rightarrow \epsilon = \supset \vee = ?$$

- A) 7803 B) 7326 C) 7306
 D) 7365 E) 7345

CEVAPLAR / ANSWERS

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

BÖLÜM 1
CHAPTER 1
ŞİFRELER
PASSWORDS
TEST - 4

$$\begin{array}{l}
 1. \quad \left. \begin{array}{l} = \vee = \subset \\ \epsilon = \vee \exists \\ \exists \epsilon \vee \exists \\ \subset \exists \vee \cup \\ \cup \exists \subset \epsilon \end{array} \right\} \Rightarrow \epsilon = \vee \exists = ?
 \end{array}$$

- A) 6932 B) 1234 C) 4206
D) 2632 E) 9391

$$2. \quad \left. \begin{array}{l} T I P A \\ T A S A \\ S A R A \\ T A N E \\ T A R A \end{array} \right\} \Rightarrow S A R A = ?$$

- A) 0479 B) 0434 C) 0484
D) 0564 E) 3484

$$3. \quad \left. \begin{array}{l} S A R E \\ L A L E \\ F A R E \\ P A R E \\ S E L A \end{array} \right\} \Rightarrow S E L A = ?$$

- A) 1950 B) 3089 C) 8980
D) 7950 E) 3950

$$4. \quad \left. \begin{array}{l} Y U N U S \\ Y A S I N \\ S A Y I M \\ S U N A Y \\ M E L I S \end{array} \right\} \Rightarrow Y U N U S = ?$$

- A) 52086 B) 61795 C) 02594
D) 03435 E) 53420

$$5. \quad \left. \begin{array}{l} T A R A K \\ H U R M A \\ M A L A K \\ A R M U T \\ K A Y M A \end{array} \right\} \Rightarrow H U R M A = ?$$

- A) 98485 B) 18285 C) 82961
D) 58798 E) 06298

$$6. \quad \left. \begin{array}{l} İ Ş L E R \\ R E Ş İ T \\ T A Ş İ R \\ S İ R A T \\ S İ R L İ \end{array} \right\} \Rightarrow S İ R A T = ?$$

- A) 52347 B) 69781 C) 65735
D) 74251 E) 18297

7.
$$\left. \begin{array}{l} 1\ 3\ 2\ 7\ 5 \\ 5\ 4\ 8\ 9\ 6 \\ 6\ 0\ 3\ 4\ 2 \\ 2\ 9\ 5\ 6\ 7 \\ 4\ 5\ 7\ 2\ 3 \end{array} \right\} \Rightarrow 5\ 4\ 8\ 9\ 6 = ?$$

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

8.
$$\left. \begin{array}{l} B\ A\ L\ E \\ B\ E\ L\ A \\ A\ B\ L\ E \\ E\ B\ A\ L \\ E\ A\ L\ B \end{array} \right\} \Rightarrow B\ A\ L\ E = ?$$

- A) 5392 B) 3925 C) 9325
 D) 3529 E) 5923

9.
$$\left. \begin{array}{l} \circ\ \star\ \triangle\ \square \\ \bullet\ \blacksquare\ \circ\ \star \\ \star\ \triangle\ \square\ \bullet \\ \blacksquare\ \circ\ \star\ \triangle \\ \triangle\ \square\ \bullet\ \blacksquare \end{array} \right\} \Rightarrow \star\ \triangle\ \square\ \bullet = ?$$

- A) 1342 B) 5613 C) 3425
 D) 4256 E) 6134

10.
$$\left. \begin{array}{l} 4\ 6\ 5\ 3\ 2 \\ 1\ 3\ 4\ 7\ 8 \\ 9\ 7\ 5\ 8\ 3 \\ 5\ 6\ 9\ 2\ 1 \\ 2\ 4\ 6\ 8\ 9 \end{array} \right\} \Rightarrow 9\ 7\ 5\ 8\ 3 = ?$$

- A) EDAKO B) ABCDF C) FABOZ
 D) CBZFE E) ZKCOD

11.
$$\left. \begin{array}{l} 9\ 7\ 8\ 4\ 6 \\ 0\ 7\ 8\ 4\ 6 \\ 3\ 2\ 8\ 4\ 2 \\ 0\ 5\ 4\ 9\ 2 \\ 9\ 2\ 4\ 9\ 2 \end{array} \right\} \Rightarrow 0\ 7\ 8\ 4\ 6 = ?$$

- A) $\bullet \div \cdot + \blacksquare$ B) $\times \triangle + \bullet \square$
 C) $\times \div \cdot + \blacksquare$ D) $\bullet \square + \bullet \square$
 E) $\blacktriangle \square \cdot + \square$

12.
$$\left. \begin{array}{l} K\ A\ Y\ I\ K \\ K\ I\ Y\ A\ K \\ K\ O\ T\ U\ K \\ K\ Ü\ T\ Ü\ K \\ K\ A\ T\ I\ K \end{array} \right\} \Rightarrow K\ Ü\ T\ Ü\ K = ?$$

- A) 73457 B) 75437 C) 78687
 D) 79607 E) 75637

CEVAPLAR / ANSWERS

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

BÖLÜM 1
CHAPTER 1

ŞİFRELER
PASSWORDS

TEST - 5

1.
$$\left. \begin{array}{l} 1 \ 7 \ 0 \ 6 \ 7 \\ 4 \ 2 \ 8 \ 6 \ 1 \\ 3 \ 0 \ 8 \ 6 \ 4 \\ 5 \ 2 \ 0 \ 6 \ 7 \\ 9 \ 7 \ 4 \ 6 \ 5 \end{array} \right\} \Rightarrow 3 \ 0 \ 8 \ 6 \ 4 = ?$$

- A) $\Delta \square \bigcirc \blacksquare \square$ B) $U \square \in \blacksquare \supset$
C) $\subset \bigcirc \nabla \blacksquare \in$ D) $\in \exists \nabla \blacksquare \Delta$
E) $\supset \exists \bigcirc \blacksquare \square$

2.
$$\left. \begin{array}{l} K \ A \ R \ \S \ I \\ \C \ A \ R \ \S \ I \\ T \ U \ R \ \S \ U \\ C \ O \ \S \ K \ U \\ K \ U \ \S \ K \ U \end{array} \right\} \Rightarrow T \ U \ R \ \S \ U = ?$$

- A) 47947 B) 42391 C) 52391
D) 87397 E) 50947

3.
$$\left. \begin{array}{l} K \ U \ T \ U \\ K \ \ddot{O} \ T \ \ddot{U} \\ K \ A \ T \ I \\ K \ O \ T \ U \\ K \ E \ T \ E \end{array} \right\} \Rightarrow K \ E \ T \ E = ?$$

- A) 5223 B) 5121 C) 5721
D) 5828 E) 5426

4.
$$\left. \begin{array}{l} H \ I \ L \ A \ L \\ K \ U \ R \ A \ L \\ K \ U \ L \ A \ \C \\ K \ U \ V \ A \ L \\ H \ A \ L \ A \ L \end{array} \right\} \Rightarrow H \ I \ L \ A \ L = ?$$

- A) 71929 B) 43829 C) 72929
D) 43920 E) 43529

5.
$$\left. \begin{array}{l} \dot{I} \ L \ K \ E \\ L \ A \ \dot{I} \ K \\ A \ T \ E \ L \\ T \ E \ L \ A \\ K \ A \ T \ \dot{I} \end{array} \right\} \Rightarrow \begin{array}{l} 7 \ 5 \ 6 \ 3 \\ 2 \ 5 \ 3 \ 7 \\ 3 \ 2 \ 7 \ 4 \\ 5 \ 6 \ 4 \ 2 \\ 6 \ 4 \ 2 \ 5 \end{array}$$

TELLAK = ?

- A) 752264 B) 642257 C) 272264
D) 246657 E) 645572

6.
$$\left. \begin{array}{l} \nabla \ \Delta \ \otimes \ \star \ \Delta \\ \square \ \exists \ \bullet \ \bigcirc \ \nabla \\ \blacksquare \ \otimes \ \bullet \ \bigcirc \ \square \\ \star \ \exists \ \otimes \ \bigcirc \ \Delta \\ \blacktriangle \ \Delta \ \square \ \bigcirc \ \star \end{array} \right\} \Rightarrow \star \ \exists \ \otimes \ \bigcirc \ \Delta$$

- A) 97465 B) 17057 C) 30864
D) 42861 E) 52067

7. $\left. \begin{array}{l} E L E K \\ S E L A \\ A S L A \\ K A L P \\ P A R S \end{array} \right\} \Rightarrow S E L A = ?$

- A) 9265 B) 4567 C) 2624
D) 7539 E) 5965

8. $\left. \begin{array}{l} 0 3 7 4 1 \\ 8 6 8 4 1 \\ 2 6 9 4 6 \\ 0 6 0 4 6 \\ 8 3 2 1 9 \end{array} \right\} \Rightarrow 2 6 9 4 6 = ?$

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

9. $\left. \begin{array}{l} ■ □ △ ○ \\ ▲ □ ○ ● \\ ▲ ● △ □ \\ ■ □ △ ● \\ □ △ ○ ★ \end{array} \right\} \Rightarrow ▲ ● △ □ = ?$

- A) 3501 B) 8105 C) 1067
D) 8106 E) 3165

10. $\left. \begin{array}{l} A M O R \\ K R A T \\ T A K O \\ R O K A \\ O R A K \end{array} \right\} \Rightarrow \left. \begin{array}{l} 1 4 2 6 \\ 4 5 6 3 \\ 2 3 4 1 \\ 6 3 4 2 \\ 3 6 2 4 \end{array} \right\} \Rightarrow K A M A R O T = ?$

- A) 2454361 B) 5424361 C) 4252361
D) 6424361 E) 2424561

11. $\left. \begin{array}{l} 1 5 7 3 2 \\ 5 8 4 2 2 \\ 7 6 3 1 3 \\ 9 5 9 2 1 \\ 6 8 7 1 5 \end{array} \right\} \Rightarrow 9 5 9 2 1 = ?$

- A) = ∈ □ ⊂ U B) ∈ ∩ ∃ U U
C) ∈ ∈ ∈ U = D) ∇ ∩ □ = ∈
E) □ ∇ ⊂ = ⊂

12. $\left. \begin{array}{l} K A L E M \\ M E L E K \\ K A T İ P \\ K İ T A P \\ P A T İ K \end{array} \right\} \Rightarrow K İ T A P = ?$

- A) 75209 B) 70638 C) 90257
D) 83637 E) 70259

CEVAPLAR / ANSWERS

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

BÖLÜM 1
CHAPTER 1
ŞİFRELER
PASSWORDS
TEST - 6

1. $\left. \begin{array}{l} K A R E \\ K A L E \\ K U L E \\ Ş U L E \\ P A R E \end{array} \right\} \Rightarrow K A L E = ?$

- A) 1845 B) 7235 C) 7845
D) 7245 E) 0235

2. $\left. \begin{array}{l} 9 6 7 5 6 \\ 8 3 1 0 2 \\ 7 2 4 5 8 \\ 6 1 7 4 3 \\ 8 9 7 4 5 \end{array} \right\} \Rightarrow 7 2 4 5 8 = ?$

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

3. $\left. \begin{array}{l} B A C A \\ K O C A \\ L O C A \\ F A Ç A \\ Ç A P A \end{array} \right\} \Rightarrow Ç A P A = ?$

- A) 3054 B) 1484 C) 6054
D) 8424 E) 9454

4. GRAMOFON \Rightarrow 92507673
FANATİK = ?

- A) 6535481 B) 6525889
C) 6434081 D) 6535489
E) 6737881

5. $\left. \begin{array}{l} K A F E \\ T E F E \\ T Ü R E \\ P Ü R E \\ K Ü F E \end{array} \right\} \Rightarrow P Ü R E = ?$

- A) 7539 B) 1529 C) 4529
D) 7839 E) 4639

6. $\left. \begin{array}{l} 8 2 5 7 \\ 8 2 6 2 \\ 9 3 4 3 \\ 9 2 1 2 \\ 1 2 4 2 \end{array} \right\} \Rightarrow 8 2 5 7 = ?$

- A) $\triangle \cap \in \supset$ B) $\square \supset \blacksquare \supset$
C) $\blacktriangle \cap \blacksquare \cap$ D) $\square \cap \circ \cap$
E) $\triangle \cap \bullet \subset$

7. $\left. \begin{array}{l} S E M I H \\ B E T I L \\ E L M A S \\ S I T E M \\ S E L M A \end{array} \right\} \Rightarrow B E T I L = ?$

- A) 14785 B) 45906 C) 64982
D) 64590 E) 68749

8. $\left. \begin{array}{l} \triangle \circ \square \circ \\ \triangle \square \square \times \\ \triangle + \square \bullet \\ \triangle \blacksquare \square \circ \\ \triangle \blacktriangle \square \triangle \end{array} \right\} \Rightarrow \triangle + \square \bullet = ?$

- A) 6232 B) 6832 C) 6334
D) 6939 E) 6537

9. KASIM \Rightarrow 54398
MAYIS = ?

- A) 84793 B) 84393 C) 84783
D) 98284 E) 89284

10. $\left. \begin{array}{l} S O B A \\ K I Y I \\ B O Y A \\ A Y I K \\ S A Y I \end{array} \right\} \Rightarrow \left\{ \begin{array}{l} 5 \ 6 \ 1 \ 2 \\ 7 \ 3 \ 9 \ 5 \\ 2 \ 1 \ 6 \ 1 \\ 9 \ 3 \ 6 \ 5 \\ 7 \ 5 \ 6 \ 1 \end{array} \right. \Rightarrow K A Y I K = ?$

- A) 75617 B) 73937 C) 25612
D) 63936 E) 29362

11. $\left. \begin{array}{l} \circ \blacktriangle \bullet \otimes \\ \blacktriangle \circ \blacksquare \bullet \\ \bullet \blacksquare \blacksquare \nabla \\ \nabla \blacktriangle \oplus \otimes \\ \otimes \bullet \blacksquare \circ \end{array} \right\} \Rightarrow \nabla \bullet \oplus \otimes = ?$

- A) 9543 B) 7689 C) 5447
D) 6345 E) 3659

12. İSTASYON = ?

- A) 39739258 B) 79449236
C) 62346156 D) 12982174
E) 90450213

CEVAPLAR / ANSWERS

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

BÖLÜM 1
CHAPTER 1
ŞİFRELER
PASSWORDS
TEST - 7

1.
$$\left. \begin{array}{l} A L E X \\ A L E T \\ A K I L \\ A K I M \\ A L E M \end{array} \right\} \Rightarrow A K I L = ?$$

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

2.
$$\left. \begin{array}{l} P E N \check{C} E \\ \check{C} E L T \check{I} \\ \check{C} E R \check{C} \check{I} \\ R E T \check{I} L \\ R E \check{C} E L \end{array} \right\} \Rightarrow \begin{array}{l} 5 \ 2 \ 7 \ 5 \ 8 \\ 7 \ 2 \ 9 \ 8 \ 4 \\ 1 \ 2 \ 3 \ 5 \ 2 \\ 5 \ 2 \ 4 \ 9 \ 8 \\ 7 \ 2 \ 5 \ 2 \ 4 \end{array}$$

 \Rightarrow TIRILIÇE = ?

- A) 78984857 B) 78984825
 C) 98784852 D) 78988425
 E) 98788452

3.
$$\left. \begin{array}{l} E Y E R \\ E L E K \\ E R E K \\ A Y A R \\ A L A R \end{array} \right\} \Rightarrow \begin{array}{l} 1 \ 3 \ 1 \ 4 \\ 1 \ 5 \ 1 \ 6 \\ 1 \ 6 \ 1 \ 4 \\ 2 \ 3 \ 2 \ 6 \\ 2 \ 5 \ 2 \ 6 \end{array}$$

KARAYEL = ?

- A) 2252315 B) 2565315
 C) 5262315 D) 4262315
 E) 6242315

4.
$$\left. \begin{array}{l} \circ \star \triangle \square \\ \diamond \circ \circ \star \\ \star \triangle \square \diamond \\ \circ \circ \star \triangle \\ \triangle \square \diamond \circ \end{array} \right\} \Rightarrow \begin{array}{l} 1 \ 3 \ 4 \ 2 \\ 3 \ 4 \ 2 \ 5 \\ 4 \ 2 \ 5 \ 6 \\ 5 \ 6 \ 1 \ 3 \\ 6 \ 1 \ 3 \ 4 \end{array}$$

 \Rightarrow 416253?

- A) $\triangle \circ \diamond \square \star \circ$
 B) $\triangle \circ \circ \square \diamond \star$
 C) $\square \circ \diamond \square \star \circ$
 D) $\square \triangle \circ \square \diamond \star$
 E) $\square \triangle \diamond \triangle \star \circ$

$$5. \left. \begin{array}{l} K E S İ T \\ S İ L E N \\ B İ L E T \\ T E L İ N \\ L İ S E N \end{array} \right\} \Rightarrow \left\{ \begin{array}{l} 1 8 4 7 3 \\ 2 8 4 7 6 \\ 3 7 4 8 6 \\ 4 8 2 7 6 \\ 5 7 2 8 3 \end{array} \right.$$

KESİLEN = ?

- A) 1728471 B) 5728471
C) 5728476 D) 1725476
E) 5728471

$$7. \left. \begin{array}{l} M U C İ Z E \\ V E L İ Z E \\ K E R İ M E \\ E M İ R E T \\ T İ R E V E \end{array} \right\} \Rightarrow M U C İ Z E = ?$$

- A) 579346 B) 869346
C) 261356 D) 653160
E) 031686

$$6. \left. \begin{array}{l} R İ K A T \\ T A K İ R \\ F A T İ K \\ R A F İ K \\ K İ F A R \end{array} \right\} \Rightarrow \left\{ \begin{array}{l} 1 2 5 3 4 \\ 4 3 1 2 6 \\ 5 2 4 3 6 \\ 6 3 4 2 5 \\ 6 2 1 3 4 \end{array} \right.$$

İFTİRA = ?

- A) 315362 B) 513162
C) 625231 D) 315152
E) 625143

$$8. \left. \begin{array}{l} 1 2 7 8 \\ 3 1 2 7 \\ 5 9 2 1 \\ 8 7 2 7 \\ 3 9 5 1 \end{array} \right\} \Rightarrow 5 9 2 1 = ?$$

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

CEVAPLAR / ANSWERS

1-E	2-C	3-D	4-B	5-C	6-A
7-A	8-B				

BÖLÜM 1 CHAPTER 1	ŞİFRELER PASSWORDS	TEST - 8
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1.

A	S	I	L
S	I	L	A
I	L	A	S
L	A	S	I

 →

A)

5	1	4	3
3	5	1	4
4	3	5	1
1	4	3	5

B)

1	9	7	2
9	7	2	1
7	9	1	2
9	1	2	7

C)

2	3	5	4
3	5	4	2
5	3	2	4
3	2	4	5

D)

7	8	3	1
8	3	1	7
3	1	8	7
1	8	7	3

E)

3	0	5	7
0	5	7	3
5	7	3	0
7	3	0	5

2.

K	A	R	A
A	R	A	K
R	A	K	A
A	K	A	R

 →

7	1	5	1
1	5	1	7
?			
?			

A)

5	1	7	1
1	7	1	7

B)

5	1	7	1
1	7	1	5

C)

5	1	7	1
1	5	1	7

D)

1	5	1	7
5	1	7	1

E)

5	1	1	7
1	7	1	5

3.

2	3	7	4
7	4	2	3
4	7	3	2
2	4	7	3

 → ?

A)

△	□	○	+
□	△	+	○
+	□	○	△
□	△	+	○

B)

5	7	3	4
7	4	2	3
4	7	3	2
2	5	7	3

C)

A	L	I	M
I	M	A	L
M	I	L	A
A	M	I	L

D)

△	□	○	+
○	+	△	□
+	□	○	△
△	+	○	□

E)

0	1	2	3
2	3	0	1
0	1	3	2
3	2	1	0

4.

—	△	●
●	△	—
△	●	—
●	—	△

 → ?

A)

A	L	I
I	L	A
L	I	A
A	L	I

B)

E	L	A
A	L	E
L	G	A
G	A	L

C)

A	B	I
I	B	A
B	A	I
I	A	B

D)

C	I	A
A	I	C
I	A	C
A	C	I

E)

1	2	3
3	1	2
2	1	3
1	3	2

5.

A	L	E	X	A
F	L	E	X	İ
D	U	B	E	X
B	O	X	E	R

A)

1	2	5	7	1
9	2	5	7	8
4	6	0	5	7
0	●	7	5	2

B)

1	2	5	7	1
9	2	5	7	8
4	6	0	5	7
●	0	7	5	2

C)

1	2	5	7	1
9	2	5	7	8
4	6	●	5	7
0	●	7	5	3

D)

1	2	5	7	1
9	2	5	7	8
4	6	0	5	7
0	●	7	5	3

E)

1	2	5	7	1
9	2	5	7	8
4	6	0	5	7
5	7	0	4	6

6.

K	İ	L
K	İ	M
K	A	M
D	A	M
L	A	M

A)

9	8	6
2	8	6
7	8	6
9	4	6
9	4	2

B)

9	4	2
9	4	6
9	8	6
7	8	6
2	8	6

C)

9	4	2
9	4	6
9	8	6
6	8	7
2	9	6

D)

9	4	2
9	4	6
9	8	6
7	8	6
6	8	6

E)

9	4	2
9	8	6
9	4	6
2	8	6
7	5	6

7.

A	M	A	L
M	A	M	A
E	K	E	N
L	E	K	E

A)

M	B	L	B
N	F	N	F
F	N	F	M
B	L	B	P

B)

M	B	L	B
N	F	N	F
F	N	F	M
B	L	B	P

C)

F	N	F	M
N	F	N	F
B	L	B	P
M	B	L	B

D)

F	N	F	M
N	F	N	F
B	L	B	P
M	B	L	P

E)

M	B	L	P
N	F	N	F
F	N	F	M
B	L	B	P

8.

K	U	R
K	A	M
M	A	K
R	U	K
P	A	K

A)

8	3	1
6	5	8
1	3	8
7	3	8
8	5	6

B)

8	3	1
8	5	6
6	5	8
1	3	8
7	3	8

C)

8	3	1
8	5	6
6	5	8
7	3	8
1	3	8

D)

8	3	1
8	5	6
1	5	8
6	5	8
7	3	8

E)

8	5	6
8	3	1
1	3	8
6	5	8
7	3	8

CEVAPLAR / ANSWERS

1-E	2-B	3-C	4-D	5-D	6-B
7-D	8-B				

BÖLÜM 1 CHAPTER 1	ŞİFRELER PASSWORDS	TEST - 9
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1. KANADA = ?

- A) 1 4 3 4 5 6 B) 3 2 4 2 4 2
C) 3 7 6 7 6 7 D) 4 6 7 6 4 6
E) 8 4 3 4 5 4

4. MALAZGİRT = ?

- A) 527286420 B) 7252648425
C) 920212354 D) 920217350
E) 824218357

2. DOLMABAĞÇE = ?

- A) 0123548567 B) 9673545671
C) 2453676892 D) 9876517124
E) 9546131027

5. TONYUKUK = ?

- A) 12345665 B) 42517878
C) 52418778 D) 5558181
E) 8115225

3. CUMHURİYET ?

- A) 5273209485 B) 6374301236
C) 7485401236 D) 9276201235
E) 0123178900

6. TRABLUSGARP = ?

- A) 68765711122 B) 98765171241
C) 52418762371 D) 78965432186
E) 01234567218

7. ABORJINI = ?

- A) 78967151 B) 82914334
 C) 71728936 D) 61728939
 E) 91728668

8. SALAMURA SOSU = 15759285 1012 ⇒
97807951285 = ?

- A) LMROLMASURA
 B) MLROMLASARU
 C) MLROMLASURA
 D) MRLOLMASURA
 E) MRLSLAMASARU

9. S > L > M > N > K

S.L.M.N.K = 120 ⇒ SALAMANKA = ?

- A) 5646362616 B) 564636216
 C) 5040302011 D) 554535215
 E) 5444342414

10. CANKURTARAN = ?

- A) 98017168080 B) 98017168281
 C) 10239450402 D) 96017186218
 E) 1023945482

11. DAVLUMBAZ = ?

- A) 917286417 B) 617289310
 C) 717289310 D) 234657834
 E) 475612374

12. HELIKOPTER = ?

- A) 7896715288 B) 8291436528
 C) 7172893018 D) 6172893014
 E) 91728640178

CEVAPLAR / ANSWERS					
1-E	2-E	3-C	4-A	5-B	6-E
7-D	8-D	9-B	10-C	11-B	12-D

BÖLÜM 1 CHAPTER 1	ŞİFRELER PASSWORDS	TEST - 10
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1. BULGARİSTAN + İSTANBUL ⇒
BULGARİSTANBUL
SAKARYA + AKARYAKIT = ?

- A) SAKAVYAKIT B) TAKARYAKIT
C) SAKARYAKIT D) SAKAYATIK
E) SAKARYATIK

2. BULGARİSTAN + İSTANBUL ⇒ GAR
ADANA + ANKARA = ?

- A) ADNKARA B) ADNKR
C) DNKR D) DNNKR
E) DKR

3. ADANA + SALI ⇒ SANA
HİLAL + URLA = ?

- A) HİLA B) URHİ
C) DRNA D) URAL
E) HİUR

4. İTALYAN + YANIK = İTALIK
MACERA + ERASMUS = ?

- A) MACOSMUS B) MACESUS
C) MACMUS D) MACSMUS
E) MACERASMUS

5. KALEM + TANKER = KALKER
TELEFON + İLGİSİZ = ?

- A) TELEİSİZ B) TELLSİZ
C) TELSİZ D) TELBİSİZ
E) İLTERE

6. BASKÜL + KONTÜR = KÜLTÜR
TAHSİL + ÜŞENGEÇ = ?

- A) TAHÜSE B) TAHGEÇ
C) SILÜŞE D) SİLENİ
E) SILGEÇ

7. SANTRAFOR + KEREVİZ = ANTRE
KALECİ + ENGİNAR = ?

- A) CLEĞİ
B) İLEĞİ
C) ALENG
D) ALEĞİ
E) ALERJİ

8. MEYDAN + YAMUK = EYYAM
SEPET + SEPET = ?

- A) SEPET
B) SEPETSEPET
C) EPESEP
D) EPSEP
E) EPSEPET

9. KARETTA + TİLKİ = KTT
KEMER + AYAR = KRR
SALAM + ELEK = ?

- A) SK
B) SKR
C) SMR
D) SMK
E) SLK

10. KALIN + YALIN = KLİN
SAKAR + TEKİR = SAİR
MEKAN + İÇEL = ML
BARIŞ + KABİR = ?

- A) BARİZ
B) ABİR
C) BABİRA
D) BBİR
E) BİR

11. ADANA + KALEM = 4
SALAM + KALAY = 4
SALI + BALA = 3
KATANA + MALUM + SAYAN = ?

- A) 5
B) 6
C) 7
D) 8
E) 9

12. ADANA + KALEM = 5
SALAM + KALAY = 6
KATANA + MALUM + SAYAN = ?

- A) 8
B) 9
C) 10
D) 11
E) 12

CEVAPLAR / ANSWERS					
1-C	2-E	3-D	4-D	5-C	6-E
7-D	8-D	9-D	10-D	11-B	12-B

BÖLÜM 1
CHAPTER 1
ŞİFRELER
PASSWORDS
TEST - 11

$$\begin{array}{l}
 1. \quad \left. \begin{array}{l} 8 \ 2 \ 8 \ 3 \\ 8 \ 0 \ 8 \ 1 \\ 8 \ 3 \ 8 \ 1 \\ 9 \ 0 \ 9 \ 3 \\ 9 \ 2 \ 9 \ 3 \end{array} \right\} \Rightarrow 8 \ 0 \ 8 \ 1 = ?
 \end{array}$$

- A) 7372 B) 6562
 C) 7274 D) 6362
 E) 7574

$$\begin{array}{l}
 2. \quad \left. \begin{array}{l} \triangle \ \circ \ \star \ \bullet \ \square \\ \triangle \ \circ \ \blacktriangle \ \bullet \ \square \\ \bullet \ \diamond \ \triangle \ \bullet \ \square \\ \circ \ \blacksquare \ \triangle \ \bullet \ \square \\ \blacktriangle \ \circ \ + \ \bullet \ \square \end{array} \right\} \Rightarrow \blacktriangle \ \circ \ + \ \bullet \ \square = ?
 \end{array}$$

- A) KARIZ B) İŞSİZ
 C) SAKIZ D) SAMIZ
 E) AVSIZ

3., 4., 5. ve 6. soruyu aşağıdaki verilere göre cevaplandırınız.

$$\begin{array}{l}
 \left. \begin{array}{l} S \ A \ L \ A \ \S \\ \S \ E \ K \ E \ R \\ S \ E \ M \ İ \ Z \\ R \ E \ M \ Z \ İ \\ M \ A \ S \ A \ L \end{array} \right\} \Rightarrow \begin{array}{l} 5 \ 2 \ 6 \ 2 \ 9 \\ 9 \ 1 \ 3 \ 1 \ 4 \\ 5 \ 1 \ 7 \ 0 \ 8 \\ 4 \ 1 \ 7 \ 8 \ 0 \\ 7 \ 2 \ 5 \ 2 \ 6 \end{array}
 \end{array}$$

3. ŞEKERLİK = ?

- A) 5262976 B) 5262936
 C) 91314603 D) 91314630
 E) 91314360

4. İZMİRLİ = ?

- A) 0870460 B) 9870546
 C) 4874344 D) 0870480
 E) 0874448

5. KALAMAR = ?

- A) 7262423 B) 3262724
 C) 3262725 D) 3252627
 E) 3252726

6. VALİZ = ?

- A) 0 2 6 8 0 B) 0 2 8 0 6
 C) 0 2 6 0 8 D) 0 2 8 6 0
 E) 0 2 8 0 9

7. KORGENERAL = ?

- A) 1234575824 B) 2314757946
 C) 9875141703 D) 6814232106
 E) 7813427316

8. SALI PAZARI = 1234526274
AZARLAMAK = ?

- A) 162752829 B) 262732829
 C) 262732629 D) 262752729
 E) 262752629

9. $\begin{matrix} \blacktriangle & \circ & \triangle & \circ \\ \blacktriangle & \circ & + & \circ \\ \bullet & \square & \times & \blacksquare \\ \circ & \blacktriangle & + & \blacktriangle \\ \bullet & \square & \blacktriangle & \circ \end{matrix} \Rightarrow \blacktriangle \circ \triangle \circ = ?$

- A) RILI B) AĞAÇ
 C) RICI D) IRLI
 E) AĞRI

10. DELTAYÖSLÜLER = ?

- A) 1234567839340
 B) 132456783936
 C) 123456789369
 D) 9312409703576
 E) 9832401735386

11. $\begin{matrix} + & \blacktriangle & \heartsuit & \triangle \\ \blacktriangle & \times & + & \triangle \\ \times & \heartsuit & \square & + \\ \heartsuit & \times & \blacktriangle & + \end{matrix} \} = ?$

A)

3	7	4	6
2	3	8	6
3	4	1	8
6	2	3	8

B)

7	3	4	6
3	1	8	6
3	4	1	8
4	2	3	8

C)

7	3	2	6
3	2	7	6
2	4	1	8
4	1	3	8

D)

8	3	4	6
3	2	8	6
2	4	1	8
4	2	3	8

E)

3	7	5	6
2	1	8	6
3	4	8	1
2	2	3	8

CEVAPLAR / ANSWERS

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

BÖLÜM 1 CHAPTER 1	ŞİFRELER PASSWORDS	TEST - 12
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1.
$$\left. \begin{array}{l} \triangle \emptyset \times \\ \square \emptyset \blacktriangle \\ \times \square \times \\ \emptyset \blacktriangle \square \\ \blacktriangle \times \emptyset \\ \Rightarrow \blacktriangle \triangle \emptyset \times \square = ? \end{array} \right\} = \left\{ \begin{array}{l} 5 \ 1 \ 8 \\ 1 \ 8 \ 5 \\ 9 \ 5 \ 9 \\ 4 \ 1 \ 9 \\ 8 \ 9 \ 1 \end{array} \right.$$

- A) 98415 B) 98145
C) 89145 D) 84195
E) 84194

3.
$$\left. \begin{array}{l} M \ A \ Y \ I \ S \\ S \ A \ Y \ I \ M \\ S \ I \ R \ A \ M \\ A \ Y \ S \ I \ R \\ S \ A \ Y \ M \ A \\ \Rightarrow \text{AYSIR} = ? \end{array} \right\} = \left\{ \begin{array}{l} 2 \ 5 \ 4 \ 3 \ 6 \\ 1 \ 2 \ 5 \ 3 \ 4 \\ 4 \ 3 \ 6 \ 2 \ 1 \\ 4 \ 2 \ 5 \ 1 \ 2 \\ 4 \ 2 \ 5 \ 3 \ 1 \end{array} \right.$$

- A) 25436 B) 43621
C) 42512 D) 12534
E) 42531

2.
$$\left. \begin{array}{l} \boxplus \diamond \diamond \\ \circ \boxplus \diamond \\ \diamond \circ \triangle \\ \diamond \diamond \circ \\ \boxplus \triangle \boxplus \\ \triangle \diamond \circ \boxplus \diamond = ? \end{array} \right\} = \left\{ \begin{array}{l} 6 \ 3 \ 7 \\ 4 \ 7 \ 4 \\ 4 \ 6 \ 8 \\ 3 \ 4 \ 8 \\ 6 \ 8 \ 3 \end{array} \right.$$

- A) 76385 B) 76384
C) 78365 D) 76348
E) 76383

4.
$$\left. \begin{array}{l} K \ A \ Y \ I \ L \\ R \ I \ Y \ A \ K \\ A \ K \ L \ I \ R \\ Y \ A \ K \ R \ I \\ L \ I \ K \ A \ Y \\ \Rightarrow \text{KAYILAR} = ? \end{array} \right\} = \left\{ \begin{array}{l} 3 \ 5 \ 6 \ 2 \ 4 \\ 5 \ 3 \ 4 \ 2 \ 7 \\ 4 \ 2 \ 3 \ 5 \ 6 \\ 6 \ 5 \ 3 \ 7 \ 2 \\ 7 \ 2 \ 6 \ 5 \ 3 \end{array} \right.$$

- A) 653727 B) 5342737
C) 3562457 D) 7265327
E) 4235627

$$\begin{array}{l}
 \text{5. } \left. \begin{array}{l} \text{B E B E} \\ \text{D A D A} \\ \text{E B E R} \\ \text{A D A T} \\ \text{T İ T İ} \end{array} \right\} = \left\{ \begin{array}{l} 4 \ 5 \ 4 \ 5 \\ 2 \ 3 \ 2 \ 3 \\ 3 \ 2 \ 3 \ 4 \\ 1 \ 0 \ 1 \ 6 \\ 0 \ 1 \ 0 \ 1 \end{array} \right. \\
 \text{BERAAT} = ?
 \end{array}$$

- A) 236324 B) 016334
 C) 016224 D) 316335
 E) 016225

$$\begin{array}{l}
 \text{6. } \left. \begin{array}{l} \blacktriangle \blacktriangle \triangle \\ \circ \bullet \bullet \\ \blacksquare \square \blacksquare \\ + \times + \end{array} \right\} = ?
 \end{array}$$

- A)

1	1	3
4	5	5
6	4	6
1	8	0

 B)

5	5	4
1	2	2
6	4	6
8	9	8
- C)

2	1	1
5	5	4
8	2	8
1	1	8

 D)

1	1	2
5	0	0
8	4	8
3	6	3
- E)

4	5	0
6	9	0
8	4	8
7	0	7

$$\begin{array}{l}
 \text{7. } \text{ARALIK} + \text{BARAKA} = \text{ARAKA} \\
 \text{BELALI} + \text{GORİL} = ?
 \end{array}$$

- A) BELRİL B) BERİL
 C) GOGALI D) BEGARİL
 E) BEGRİL

$$\text{8. } \text{TRANSKRİPT} = ?$$

- A) 8659271348 B) 1234567890
 C) 1234537891 D) 8659271378
 E) 7654321090

$$\begin{array}{l}
 \text{9. } \left. \begin{array}{l} 1 \ 8 \ 4 \\ 2 \ 3 \ 4 \\ 7 \ 6 \ 4 \\ 5 \ 6 \ 4 \\ 1 \ 3 \ 4 \end{array} \right\} = \left\{ \begin{array}{l} \circ \square \triangle \\ \bullet \blacksquare \triangle \\ \blacktriangle \square \triangle \\ \circ + \triangle \\ \triangle \blacksquare \triangle \end{array} \right\} = \left\{ \begin{array}{l} \text{A B E} \\ \text{L M E} \\ \text{K N E} \\ \text{R N E} \\ \text{A M E} \end{array} \right.
 \end{array}$$

$$1 \ 8 \ 4 = ???$$

- A) L M E, $\blacktriangle \square \triangle$
 B) L M E, $\circ \square \triangle$
 C) A B E, $\circ + \triangle$
 D) K N E, $\bullet \blacksquare \triangle$
 E) K N E, $\circ + \triangle$

CEVAPLAR / ANSWERS					
1-D	2-D	3-A	4-C	5-B	6-D
7-B	8-A	9-C			

BÖLÜM CHAPTER 2

SAYILAR
NUMBERS

BÖLÜM 2
CHAPTER 2

SAYILAR
NUMBERS

TEST - 1

- * Her harf, simge veya şekil sıfırdan ve birbirinden farklı bir rakamı temsil etmektedir.
- * AB sayısı yazıldığında bu iki basamaklı bir sayıyı ifade eder. AxB olarak yazdığımızda bu A ile B nin çarpımına eşittir.
- * min : İfadenin alacağı en küçük değeri gösterir.
 max : İfadenin alacağı en büyük değeri gösterir.

1. $\max(A + B) = ?$

- A) 0 B) 1 C) 16 D) 17 E) 18

2. $\min(A+B+C+D+E) = ?$

- A) 5 B) 7 C) 8 D) 10 E) 15

3. $\max(2A+3B+C) = ?$

- A) 45 B) 49 C) 50 D) 54 E) 60

4. $\min(2A-3B+C) = ?$

- A) -27 B) -26 C) -25 D) -24 E) -23

5. $\begin{array}{c} AB \\ + \quad KL \\ \hline CD \end{array} \Rightarrow \min(CD) = ?$

- A) 32 B) 33 C) 37 D) 192 E) 198

6. $\begin{array}{c} ABC \\ + \quad DEF \\ \hline \max = ? \end{array}$

- A) 1998 B) 1990 C) 1839
D) 1827 E) 1668

7.
$$\begin{array}{r} A \\ \times B \\ \hline CD \end{array} \Rightarrow \max(C+D) = ?$$
- A) 7 B) 8 C) 9 D) 12 E) 14

8.
$$\begin{array}{r} AB \\ \times CD \\ \hline \max = ? \end{array}$$
- A) 9801 B) 9702 C) 8342
D) 9603 E) 7200

9.
$$\begin{array}{r|l} ABC & AB \\ \hline & \\ \hline & \end{array} \Rightarrow \max(\text{KALAN}) = ?$$
- Kalan
- A) 98 B) 87 C) 76 D) 9 E) 0

10.
$$\begin{array}{r} AB \\ - C \\ \hline \max = ? \end{array}$$
- A) 99 B) 98 C) 97 D) 96 E) 89

11.
$$\begin{array}{r} ABC \\ - KL \\ \hline MN \end{array} \Rightarrow \min(MN) = ?$$
- A) 3 B) 5 C) 11 D) 24 E) 35

12.
$$\begin{array}{r} AB \\ + CD \\ \hline KL \end{array} \Rightarrow \max(KL) = ?$$
- A) 99 B) 98 C) 97 D) 96 E) 95

CEVAPLAR / ANSWERS					
1-D	2-E	3-C	4-E	5-C	6-C
7-D	8-C	9-D	10-C	11-E	12-B

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 2
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1. $\frac{X}{2} = Y \Rightarrow \max(Y) = ?$

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

2. $\frac{XY}{11} = K \Rightarrow \max(K) = ?$

- A) 9 B) 8 C) 7 D) 6 E) \emptyset

3. $X + \frac{Y}{4} = 9 \Rightarrow \max(X+Y) = ?$

- A) 12 B) 15 C) 24 D) 33 E) 38

4. $\frac{X}{Y} = K \Rightarrow \max(K) = ?$

- A) 9 B) 5 C) 4 D) 3 E) 2

5. $\frac{XY}{K} = K \Rightarrow \max(X+Y+K) = ?$

- A) 21 B) 20 C) 18 D) 16 E) 11

6. $\frac{XY}{M} = M \Rightarrow \min(X+Y+M) = ?$

- A) 21 B) 20 C) 18 D) 16 E) 11

7. $A^2 - B^2 = 7 \Rightarrow A.B = ?$

- A) 7 B) 10 C) 12 D) 14 E) 21

8. $A^2 - B^2 = 13 \Rightarrow A + B = ?$

- A) 7 B) 12 C) 13 D) 21 E) 22

9. $X > Y > Z$

$X + Y + Z = 10 \Rightarrow \max(X) = ?$

- A) 9 B) 8 C) 7 D) 6 E) 5

10. $A, B, C, D, E, F = \{1, 2, 3, 4, 5, 6\}$

$\Rightarrow \max(ABCDEF) = ?$

- A) 123456 B) 653214
C) 234561 D) 654321
E) 654123

11. $AA > AB > AC > AD$

$AA + AB + AC + AD = 170 \Rightarrow (AB) = ?$

- A) 54 B) 53 C) 45 D) 43 E) 37

12. $\max(ABC) - \min(EDF) = ?$

- A) 885 B) 864 C) 758 D) 698 E) 98

CEVAPLAR / ANSWERS

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

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 3
------------------------------------	----------------------------------	-----------------

1. $\left. \begin{array}{l} XY = 6 \\ YZ = 21 \end{array} \right\} \Rightarrow X + Y + Z = ?$

- A) 21 B) 18 C) 15 D) 12 E) 9

2.
$$\begin{array}{r} ABCDEF \\ - \quad KLM \\ \hline \end{array}$$

 $\max(???) = ?$

- A) 999999 B) 999897 C) 999654
D) 987531 E) 998765

3. $A! = B!.6 \Rightarrow \max(A+B) = ?$

- A) 6 B) 7 C) 9 D) 10 E) 11

4. $X + \frac{14}{Y} = 10 \Rightarrow \sum x = ?$

- A) 20 B) 17 C) 15 D) 13 E) 11

5. $\left. \begin{array}{l} X = 2Y \\ Y = 3Z \end{array} \right\} \max(X+Y+Z) = ?$

- A) 18 B) 15 C) 12 D) 10 E) 9

6. $A \times B = 2(A + B) \Rightarrow \max(A) = ?$

- A) 9 B) 7 C) 6 D) 5 E) 3

7. $6! + 7! = A \Rightarrow 6! + 7! + 8! = ?A$

- A) 18A B) 12A C) 9A D) 8A E) 3A

8. $X > Y > Z$

$$X = \frac{Y}{Z} = 4 \Rightarrow \max(X+Y+Z) = ?$$

- A) 14 B) 11 C) 9 D) 7 E) 6

9. $A.B + 5.B = 13 \Rightarrow A = ?$

- A) 9 B) 8 C) 7 D) 6 E) 5

10. $\left. \begin{array}{l} A+B=13 \\ B+C=7 \\ A+C=12 \end{array} \right\} \Rightarrow (A, B, C) = ?$

- A) (3, 4, 9) B) (9, 4, 3) C) (4, 9, 3)
D) (4, 5, 7) E) (9, 4, 7)

11. $\frac{12}{X} = \frac{4}{Y} = Z \Rightarrow X+Y+Z = ?$

- A) 17 B) 15 C) 10 D) 8 E) 3

12. $A^2 + B^2 = KL \Rightarrow \min(K+L+A+B) = ?$

- A) 5 B) 8 C) 10 D) 14 E) 22

CEVAPLAR / ANSWERS

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

BÖLÜM 2
CHAPTER 2**SAYILAR**
NUMBERS**TEST - 4**

1. $3A + 4B = 33 \Rightarrow \max(A) = ?$

- A) 9 B) 8 C) 7 D) 4 E) 2

2. $6A + 5B = 45 \Rightarrow \Sigma A = ?$

- A) 3 B) 4 C) 5 D) 11 E) 13

3. $A + B = 13 \Rightarrow \max(A \times B) = ?$

- A) 36 B) 40 C) 42 D) 45 E) 49

4. $X + \frac{Y}{5} = 4,4 \Rightarrow X + Y = ?$

- A) 3 B) 5 C) 7 D) 10 E) 12

5. $3A + 2B = 24 \Rightarrow \Sigma B = ?$

- A) 18 B) 15 C) 12 D) 10 E) 6

6. $3A + 2B + 4C = 40 \Rightarrow \min(A+B+C) = ?$

- A) 10 B) 11 C) 12 D) 13 E) 14

★ Bir ifadeyi başka bir ifade cins yazmamızı isteyen soru tiplerinin cinsinden yazma soruları şeklinde gruplandırabiliriz.

7. $a \cdot b + 3 \cdot b = 4 \Rightarrow b = ?a$

- A) $4 - 3a$ B) $\frac{3-a}{4}$ C) $\frac{a+3}{4}$
 D) $\frac{4}{a+3}$ E) $\frac{4}{3-a}$

8. $K = \frac{5+m}{3-m} \Rightarrow m = ?K$

- A) $\frac{3K+5}{K-1}$ B) $\frac{3K-5}{K+1}$ C) $\frac{5-3K}{K+1}$
 D) $\frac{K-1}{3K+5}$ E) $\frac{1-K}{3K+5}$

9. $a = \frac{2 \cdot b + 3}{7} \Rightarrow b = ?a$

- A) $\frac{7a-3}{2}$ B) $\frac{7a-3}{2a}$ C) $\frac{7a+3}{2}$
 D) $\frac{7a+3}{2a}$ E) $7a+3$

10. $xy + 3y = 2 + 3x \Rightarrow x = ?y$

- A) $\frac{2y+3}{2}$ B) $\frac{2y-3}{y-3}$ C) $\frac{2-3y}{y-3}$
 D) $\frac{3y-2}{3+y}$ E) $\frac{2-3y}{3-y}$

11. $A \times B = 36 \Rightarrow \frac{\min(A+B)}{\max(A+B)} = ?$

- A) $\frac{12}{37}$ B) $\frac{12}{13}$ C) 1 D) $\frac{13}{37}$ E) $\frac{13}{27}$

12. $A = B \times C \times D \Rightarrow A + B + C + D = ?$

- A) 5 B) 11 C) 13 D) 15 E) 17

CEVAPLAR / ANSWERS

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

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 5
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★ *AB sayısı iki basamaklı rakamları farklı, ABC sayısı üç basamaklı rakamları farklı bir sayıyı temsil etmektedir.*

1. $AB + BA = x(A+B) \Rightarrow x = ?$

- A) 7 B) 9 C) 11 D) 13 E) 18

2. $\left. \begin{array}{l} AB = x(A+B) \\ BA = y(A+B) \end{array} \right\} \Rightarrow x + y = ?$

- A) 7 B) 9 C) 11 D) 13 E) 18

3. $AB + BA = 77 \Rightarrow \max(AB) = ?$

- A) 70 B) 61 C) 52 D) 43 E) 34

4. $ABC + CAB + BCA = 3.x.(A+B+C) \Rightarrow x = ?$

- A) 11 B) 33 C) 37 D) 111 E) 333

5. $AB + BA + AA + BB = 330$
 $\min(AB) = ?$

- A) 96 B) 87 C) 85 D) 78 E) 69

6.
$$\begin{array}{r} AB \\ + BA \\ \hline 129 \end{array} \Rightarrow \max(AB) = ?$$

- A) 98 B) 86 C) 61 D) 52 E) 36

7.
$$\begin{array}{r} A B \\ B A \\ + \underline{B B} \\ 9 9 \end{array} \Rightarrow \min(AB) = ?$$

- A) 67 B) 53 C) 43 D) 32 E) 14

8.
$$\begin{array}{r} K K \\ + \underline{L L} \\ 1 4 3 \end{array} \Rightarrow \min(KL) = ?$$

- A) 94 B) 84 C) 53 D) 49 E) 39

9.
$$\left. \begin{array}{l} ABC + CBA = 1009 \\ CBA - ABC = 495 \end{array} \right\} \Rightarrow ABC = ?$$

- A) 495 B) 752 C) 572
-
- D) 257 E) 1009

10. $AB - (A+B+C) = 47 \Rightarrow A = ?$

- A) 9 B) 8 C) 7 D) 6 E) 5

11. $AB = 9A + 6B \Rightarrow A - B = ?$

- A) 4 B) 3 C) 2 D) 1 E) 0

12. $3 \times A0C = 7 \times CD \Rightarrow \min(CD) = ?$

- A) 21 B) 28 C) 35 D) 45 E) 56

CEVAPLAR / ANSWERS					
1-C	2-C	3-B	4-C	5-E	6-D
7-B	8-D	9-D	10-D	11-A	12-D

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 6
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1. $9K0 = 31 \times (K0) \Rightarrow K = ?$

- A) 3 B) 4 C) 5 D) 6 E) 7

2. $K, M, T, S, E = \{1, 3, 6, 7, 9\}$

$K + M = T + S \Rightarrow \max(KEMTS) = ?$

- A) 97631 B) 91673 C) 96173
D) 96731 E) 97613

3.
$$\begin{array}{r} \text{A B C} \\ + \text{A B} \\ \hline 392 \end{array} \Rightarrow A + B + C = ?$$

- A) 16 B) 15 C) 14 D) 12 E) 10

4. $AB - BA = KL \Rightarrow \min(KL) = ?$

- A) 09 B) 12 C) 18 D) 27 E) 29

5. $A4BC2 - A1BC5 = ?$

- A) 297 B) 2997 C) 312
D) 3912 E) 3997

6. $ABCD - ACBD = 540 \Rightarrow B - C = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

7. $AB = 9A + 6B \Rightarrow A - B = ?$

- A) 4 B) 5 C) 6 D) 7 E) 9

8. $AB0 = 26 \times (B0) \Rightarrow A = ?$

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

9. $A.B = C.D \Rightarrow \max(ABCD) = ?$

- A) 9999 B) 9898 C) 9466
D) 9263 E) 8364

10. $A + B + C = 19$

ABC

CAB \Rightarrow KLMN = ?

+ BCA

KLMN

- A) 2005 B) 2119 C) 2109
D) 2219 E) 2319

11. $\left. \begin{array}{l} A = B + 1 \\ B = C + 4 \end{array} \right\} \Rightarrow \min(ABC) = ?$

- A) 1540 B) 651 C) 762
D) 873 E) 984

12. $AB + KLM + XYZT = P \Rightarrow \min(P) = ?$

- A) 1790 B) 1764 C) 1781
D) 1674 E) 1644

CEVAPLAR / ANSWERS

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

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 7
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1. $AB + 2 = 3 \times BA \Rightarrow A.B = ?$

- A) 12 B) 15 C) 16 D) 18 E) 24

2. $XYZ \quad X + Y = 15 \Rightarrow \max(X.Y.Z) = ?$

$$\begin{array}{r} XYZ \\ - YXZ \\ \hline 270 \end{array}$$

- A) 486 B) 432 C) 360 D) 324 E) 288

3. $\left. \begin{array}{l} AB = (x-1)(A+B) \\ BA = (x-2)(A+B) \end{array} \right\} \Rightarrow x = ?$

- A) 4 B) 5 C) 6 D) 7 E) 8

4. $3 \times (AB4) + 21 = 7AB \Rightarrow A.B = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

5. $4XY = 13.YX + 7 \Rightarrow YX = ?$

- A) 23 B) 25 C) 31 D) 32 E) 37

6. $(AA)^2 - (BB)^2 = 2057 \Rightarrow A = ?$

- A) 1 B) 2 C) 5 D) 7 E) 9

7. $(AB)^2 - (BA)^2 = 2079 \Rightarrow AB = ?$

- A) 18 B) 10 C) 12 D) 16 E) 72

8. $ABC - CB = 236 \Rightarrow A + B - C = ?$

- A) 3 B) 4 C) 5 D) 6 E) 8

9. $ABC + CB + AC + BC = 479 \Rightarrow A + B + C = ?$

- A) 10 B) 11 C) 12 D) 13 E) 14

10. $\frac{AB}{K} + C = 8 \Rightarrow \max(AB) = ?$

- A) 72 B) 63 C) 54 D) 45 E) 36

11. $\frac{K}{M} + 2 = \frac{5}{L} \Rightarrow \min(K) = ?$

- A) 1 B) 2 C) 3 D) 4 E) 6

12. $\left. \begin{array}{l} XY + ZL = AB \\ ML + LK = DC \end{array} \right\} \Rightarrow \min(AB + DC) = ?$

- A) 110 B) 113 C) 114 D) 115 E) 116

CEVAPLAR / ANSWERS

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

BÖLÜM 2
CHAPTER 2
SAYILAR
NUMBERS
TEST - 8

1.
$$\begin{array}{r} \text{ABC} \\ + \text{BC} \\ \hline \text{XAB} \end{array} \Rightarrow x = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

2.
$$\begin{array}{r} \text{KL7} \\ + 1\text{KM} \\ \hline \text{M82} \end{array} \Rightarrow (K, L, M) = ?$$

- A) (4, 4, 3) B) (4, 3, 5) C) (4, 5, 3)
 D) (4, 4, 5) E) (4, 6, 5)

3.
$$\begin{array}{r} \text{ABC} \\ \text{DL} \\ + \text{MK} \\ \hline \text{EFP} \end{array} \Rightarrow (E - A) = ?$$

- A) 2 B) 3 C) 4 D) 5 E) 6

4.
$$\begin{array}{r} \text{A} \quad \text{K} \\ + \text{A} \quad + \text{L} \\ \hline \text{KL} \quad 5 \end{array} \Rightarrow A + L + K = ?$$

- A) 10 B) 11 C) 12 D) 13 E) 14

5.
$$\begin{array}{r} \triangle \\ + \blacktriangle \\ \hline \circ \end{array} \quad \begin{array}{r} \circ \\ + \blacktriangle \\ \hline \bullet \end{array} \quad \begin{array}{r} \bullet \\ + \circ \\ \hline \blacksquare \end{array} \Rightarrow \blacksquare + \circ = ?$$

- A) 6 B) 9 C) 12 D) 15 E) 16

6.
$$\begin{array}{r} \text{AC4} \\ + 3\text{B} \\ \hline \text{DD0} \end{array} \Rightarrow (D - C) + (D - A) = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

$$7. \quad \left. \begin{array}{l} KL + PM = 82 \\ PM + AB = 136 \\ AB + KL = 128 \end{array} \right\} \Rightarrow KL = ?$$

- A) 37 B) 45 C) 81 D) 120 E) 130

$$8. \quad \begin{array}{r} ABC \\ KLM \\ + EFB \\ \hline M \end{array} \Rightarrow C + B = ?$$

- A) 7 B) 8 C) 9 D) 10 E) 12

$$9. \quad \begin{array}{r} ABB \\ KLM \\ + CML \\ \hline 6L \end{array} \Rightarrow L = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 9

$$10. \quad \begin{array}{r} ABC \\ CA \\ + \quad B \\ \hline 79C \end{array} \Rightarrow C = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8

$$11. \quad \begin{array}{r} AB \\ BB \\ + \quad AA \\ \hline 24A \end{array} \Rightarrow A = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

$$12. \quad \begin{array}{r} KK \\ KK \\ + \quad KK \\ \hline MLK \end{array} \Rightarrow M + L = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

CEVAPLAR / ANSWERS

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

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 9
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1.
$$\begin{array}{r} AA \quad MM \quad RR \\ + AA \quad + MM \quad + RR \\ \hline MM \quad 1KN \quad NN \end{array}$$

 $\Rightarrow \max(MNR) = ?$

- A) 241 B) 482 C) 683 D) 861 E) 863

2.
$$\begin{array}{r} AB \\ CA \Rightarrow M - D = ? \\ + DC \\ \hline 1MB \end{array}$$

- A) -1 B) 0 C) 1 D) 2 E) 3

3.
$$\begin{array}{r} ABC3 \\ + 2ABC \Rightarrow A + B + C = ? \\ \hline 9967 \end{array}$$

- A) 9 B) 10 C) 11 D) 12 E) 13

4.
$$\begin{array}{r} AB \\ BA \Rightarrow M = ? \\ + CC \\ \hline 17M \end{array}$$

- A) 3 B) 4 C) 5 D) 6 E) 7

5.
$$\begin{array}{r} AB \\ BA \Rightarrow \max(ABC) = ? \\ + CC \\ \hline 17C \end{array}$$

- A) 646 B) 746 C) 826 D) 916 E) 919

6.
$$\begin{array}{r} ABA \quad M \\ + BAB \quad + 4 \Rightarrow K = ? \\ \hline ML L K \quad L \end{array}$$

- A) 3 B) 4 C) 5 D) 6 E) 7

$$\begin{array}{r}
 7. \quad AA \\
 \quad BB \Rightarrow A+B+C=? \\
 + \quad CC \\
 \hline
 \quad ABC
 \end{array}$$

- A) 14 B) 16 C) 18 D) 20 E) 22

$$\begin{array}{r}
 8. \quad AB \\
 + \quad CD \Rightarrow E+C=? \\
 \hline
 \quad EAE
 \end{array}$$

- A) 9 B) 10 C) 11 D) 12 E) 13

$$\begin{array}{r}
 9. \quad \begin{array}{r} \triangle \\ + \quad \circ \\ \hline \square \end{array} \quad \begin{array}{r} \circ \\ \square \\ + \quad \triangle \\ \hline \circ \triangle \end{array} \Rightarrow \triangle = ?
 \end{array}$$

- A) 9 B) 8 C) 7 D) 6 E) 5

$$10. A^2 + B^2 = (C0)^2 \Rightarrow A + B + C = ?$$

- A) 12 B) 13 C) 14 D) 15 E) 16

$$\begin{array}{r}
 11. \quad KLMN \\
 \quad LMN \\
 \quad \quad MN \Rightarrow K+L+M+N=? \\
 + \quad \quad N \\
 \hline
 \quad NKMM
 \end{array}$$

- A) 14 B) 16 C) 18 D) 20 E) 22

$$\begin{array}{r}
 12. \quad \triangle > \triangle \\
 \quad \triangle \triangle \\
 + \quad \triangle \triangle \Rightarrow \triangle \times \triangle = ? \\
 \hline
 \quad 9 \triangle
 \end{array}$$

- A) 2 B) 3 C) 6 D) 12 E) 18

CEVAPLAR / ANSWERS					
1-E	2-C	3-E	4-D	5-D	6-B
7-C	8-B	9-B	10-D	11-E	12-D

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 10
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1. $A - B = D \Rightarrow \max(D) = ?$

- A) 6 B) 7 C) 8 D) 9 E) 10

2.
$$\begin{array}{r} AB \\ - CD \\ \hline EF \end{array} \Rightarrow \max(EF) = ?$$

- A) 89 B) 85 C) 87 D) 86 E) 85

3.
$$\begin{array}{r} AB \\ + CD \\ \hline 127 \end{array} \quad \begin{array}{r} AB \\ - CD \\ \hline 21 \end{array} \Rightarrow A + B + C + D = ?$$

- A) 27 B) 21 C) 19 D) 17 E) 15

4.
$$\begin{array}{r} AB \\ - BA \\ \hline KL \end{array} \Rightarrow \max(KL) = ?$$

- A) 90 B) 81 C) 72 D) 61 E) 60

5.
$$\begin{array}{r} AB \\ - BB \\ \hline KL \end{array} \Rightarrow \max(KL) = ?$$

- A) 90 B) 87 C) 86 D) 80 E) 78

6.
$$\begin{array}{r} A \\ + B \\ \hline 9 \end{array} \quad \begin{array}{r} AB \\ - BA \\ \hline 45 \end{array} \Rightarrow A = ?$$

- A) 9 B) 8 C) 7 D) 6 E) 5

$$7. \quad \begin{array}{r} A \quad \quad AB \\ - B \quad \quad + AA \\ \hline 5 \quad \quad 171 \end{array} \Rightarrow AxB = ?$$

- A) 72 B) 40 C) 36 D) 24 E) 21

$$8. \quad \begin{array}{r} ABB \\ - CC \\ \hline B56 \end{array} \Rightarrow C - A = ?$$

- A) 8 B) 6 C) 5 D) 4 E) 3

$$9. \quad \begin{array}{r} KLM \quad \quad KLM \\ + NRT \quad \quad - NRT \\ \hline 430 \quad \quad 118 \end{array} \Rightarrow K + L + M = ?$$

- A) 21 B) 19 C) 17 D) 15 E) 13

$$10. \quad \begin{array}{r} KLMK \\ - 3LMM \\ \hline 2NNN \end{array} \Rightarrow N + K = ?$$

- A) 17 B) 16 C) 15 D) 14 E) 13

$$11. \quad \begin{array}{r} K L K \\ - L K L \\ \hline P 3 R \end{array} \Rightarrow P + R = ?$$

- A) 15 B) 14 C) 13 D) 12 E) 11

$$12. \quad \begin{array}{r} ABB \\ - BA \\ \hline BAA \end{array} \Rightarrow AxB = ?$$

- A) 45 B) 54 C) 63 D) 64 E) 72

CEVAPLAR / ANSWERS					
1-C	2-D	3-C	4-C	5-D	6-C
7-D	8-E	9-E	10-C	11-C	12-E

BÖLÜM 2
CHAPTER 2
SAYILAR
NUMBERS
TEST - 11

1.
$$\begin{array}{r} A3B5 \\ - 1C6D \\ \hline 7777 \end{array} \Rightarrow A+B+C+D=?$$

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

2.
$$\begin{array}{r} ABB \\ - CA \\ \hline BBC \end{array} \Rightarrow C=?$$

- A) 9 B) 8 C) 7 D) 6 E) 5

3.
$$\begin{array}{r} KL \\ - LM \\ \hline 1K \end{array} \quad \begin{array}{r} K \\ - L \\ \hline 2 \end{array} \Rightarrow M=?$$

- A) 9 B) 8 C) 7 D) 6 E) 5

4.
$$\begin{array}{r} ABC \\ + KLM \\ \hline 819 \end{array} \quad \begin{array}{r} ABC \\ - KLM \\ \hline 105 \end{array} \Rightarrow KLM=?$$

- A) 105 B) 253 C) 332 D) 357 E) 462

5.
$$\begin{array}{r} ABC \\ - CBA \\ \hline MLK \end{array} \Rightarrow \frac{M+K}{L}=?$$

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

6.
$$\begin{array}{r} AA \\ + BB \\ \hline C2C \end{array} \quad \begin{array}{r} A \\ - B \\ \hline C \end{array} \Rightarrow B=?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

$$\begin{array}{r}
 7. \quad K \quad KLM \\
 + L \quad = MK \Rightarrow M = ? \\
 \hline
 M \quad ML
 \end{array}$$

- A) 9 B) 8 C) 7 D) 6 E) 5

$$\begin{array}{r}
 8. \quad K \quad KL \\
 - L \quad = LK \Rightarrow M = ? \\
 \hline
 3 \quad LM
 \end{array}$$

- A) 9 B) 8 C) 7 D) 6 E) 5

$$\begin{array}{r}
 9. \quad ACBA \\
 - BCAB \Rightarrow D + M = ? \\
 \hline
 4 DMM
 \end{array}$$

- A) 18 B) 17 C) 16 D) 15 E) 14

$$\begin{array}{r}
 10. \quad K5M \\
 - 1LL \Rightarrow K + L + M = ? \\
 \hline
 56K
 \end{array}$$

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

$$\begin{array}{r}
 11. \quad K45 \\
 - L3K \Rightarrow K + L = ? \\
 \hline
 508
 \end{array}$$

- A) 14 B) 12 C) 10 D) 9 E) 7

$$\begin{array}{r}
 12. \quad 85M6 \\
 - K3K9 \Rightarrow K + L + M = ? \\
 \hline
 KLLM
 \end{array}$$

- A) 19 B) 17 C) 13 D) 11 E) 9

CEVAPLAR / ANSWERS

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

BÖLÜM 2
CHAPTER 2
SAYILAR
NUMBERS
TEST - 12

1.
$$\begin{array}{r} K \\ \times K \\ \hline L \end{array} \quad \begin{array}{r} E \\ \times E \\ \hline M \end{array} \Rightarrow LM = ?$$

A) 16 B) 25 C) 36 D) 48 E) 49

2.
$$\begin{array}{r} KA \\ \times A \\ \hline LMA \end{array} \Rightarrow \Sigma A = ?$$

A) 10 B) 12 C) 13 D) 14 E) 15

3.
$$\begin{array}{r} K \\ \times K \\ \hline AB \end{array} \quad \begin{array}{r} K \\ + K \\ \hline BA \end{array} \Rightarrow A + B + K = ?$$

A) 18 B) 17 C) 16 D) 15 E) 14

4.
$$\begin{array}{r} AB \\ \times BA \\ \hline --- \\ + --- \\ \hline K85L \end{array} \quad \begin{array}{l} K < L \\ \Rightarrow L = ? \end{array}$$

A) 9 B) 8 C) 7 D) 6 E) 5

5.
$$\begin{array}{r} KL \\ \times 3K \\ \hline LAL \\ + AAL \\ \hline A77L \end{array} \Rightarrow K = ?$$

A) 7 B) 6 C) 5 D) 4 E) 3

6.
$$\begin{array}{r} ABC \\ \times AC \\ \hline 6BC \\ + ABC \\ \hline A87C \end{array} \Rightarrow A + B + C = ?$$

A) 15 B) 14 C) 13 D) 10 E) 8

7.
$$\begin{array}{r} \text{K L M} \\ \times \quad \text{M3} \\ \hline \end{array}$$

$$2 \text{ K } 2 \text{ M} \Rightarrow \text{V} + \text{T} = ?$$

$$\begin{array}{r} + \text{NRLM} \\ \hline \text{MTVLM} \end{array}$$

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

8.
$$\begin{array}{r} 41- \\ \times \quad -3 \\ \hline \end{array}$$

$$\begin{array}{r} - - - - \\ + \quad 8 - - \\ \hline \text{K } 5 \text{ M } 5 \end{array} \Rightarrow \text{K} + \text{M} = ?$$

- A) 17 B) 16 C) 15 D) 14 E) 13

9.
$$\begin{array}{r} \text{AB} \\ \times \quad \text{B} \\ \hline \end{array}$$

$$1 \text{ AB}$$

$$\begin{array}{r} \text{AC} \\ \times \quad \text{C} \\ \hline \end{array}$$

$$1 \text{ 5 C}$$

$$\Rightarrow \text{A} + \text{B} + \text{C} = ?$$

- A) 17 B) 16 C) 15 D) 14 E) 13

10.
$$\begin{array}{r} \text{AAA} \\ \times \quad \text{A} \\ \hline \end{array}$$

$$\begin{array}{r} \text{BBB} \\ \times \quad \text{BAA} \\ \hline \end{array}$$

$$\begin{array}{r} \text{AAA} \\ \times \quad \text{BAA} \\ \hline \end{array}$$

$$\text{CAAD}$$

$$\Rightarrow \text{A} + \text{B} + \text{C} = ?$$

- A) 15 B) 14 C) 13 D) 12 E) 11

11.
$$\begin{array}{r} \text{AA} \\ \times \quad \text{BB} \\ \hline \end{array}$$

$$\begin{array}{r} \text{BB} \\ \times \quad \text{BB} \\ \hline \end{array} \Rightarrow \text{A} + \text{B} = ?$$

$$\text{B } 1 \text{ 7 } 8$$

- A) 15 B) 14 C) 13 D) 12 E) 11

12.
$$\begin{array}{r} \text{MLM} \\ \times \quad \text{LM} \\ \hline \end{array}$$

$$\begin{array}{r} \text{LM} \\ \times \quad \text{LM} \\ \hline \end{array}$$

$$1 \text{ K } 1 \text{ 6} \Rightarrow \text{M} + \text{L} + \text{K} = ?$$

$$\begin{array}{r} + \quad - - - - \\ \hline \end{array}$$

$$2 \text{ 4 } 5 \text{ 1 } -$$

- A) 21 B) 19 C) 17 D) 15 E) 13

CEVAPLAR / ANSWERS

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

BÖLÜM 2
CHAPTER 2
SAYILAR
NUMBERS

TEST - 13

1.
$$\begin{array}{r} \text{AA} \\ \times \text{AA} \\ \hline \text{ABA} \end{array} \Rightarrow A+B=?$$

- A) 3 B) 4 C) 5 D) 6 E) 9

2.
$$\begin{array}{r} \text{ABK} \\ \times \text{345} \\ \hline \text{---} \\ \text{952} \\ + \text{---} \\ \hline \text{KLMM0} \end{array} \Rightarrow K+L+M=?$$

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

3.
$$\begin{array}{r} \text{MLM} \\ \times \text{3M} \\ \hline \text{---} \\ + \text{1362} \\ \hline \text{KLMNR} \end{array} \Rightarrow K+L+M+N+R=?$$

- A) 25 B) 23 C) 21 D) 19 E) 13

4.
$$\begin{array}{r} \text{AAA} \\ \times \text{AA} \\ \hline \text{BBB} \\ + \text{BBB} \\ \hline \text{4CCB} \end{array} \Rightarrow A+B+C=?$$

- A) 14 B) 13 C) 12 D) 10 E) 9

5.
$$\begin{array}{r} \text{KLM} \\ \times \text{KM} \\ \hline \text{6LM} \\ + \text{KLM} \\ \hline \text{K87M} \end{array} \Rightarrow K+L+M=?$$

- A) 9 B) 8 C) 12 D) 11 E) 10

6.
$$\begin{array}{r} \triangle \square \\ \times \star \\ \hline \circ \circ \circ \end{array} \quad \begin{array}{r} \triangle \square \\ \times \oplus \\ \hline \bullet \bullet \bullet \end{array} \Rightarrow$$

$\circ + \bullet + \square + \triangle = ?$

- A) 14 B) 13 C) 12 D) 11 E) 10

7.
$$\begin{array}{r} A \quad BC \quad DC \\ \times A \quad \times BC \quad + EB \\ \hline BC \quad DEC \quad ? \end{array}$$

A) 89 B) 87 C) 80 D) 77 E) 70

8.
$$\begin{array}{r} \blacksquare \quad \blacktriangle \\ \times \quad \blacktriangle \quad \blacksquare \\ \hline \blacktriangle \quad 8 \\ + \quad - - \\ \hline 1 - 0 - \end{array} \Rightarrow \blacktriangle + \blacksquare = ?$$

A) 6 B) 7 C) 8 D) 9 E) 10

9.
$$\begin{array}{r} 192 \\ \times \quad AB \\ \hline - - - - \Rightarrow ? \\ + \quad - - - \\ \hline 4992 \end{array}$$

A) 1152 B) 1192 C) 960
D) 768 E) 576

10.
$$\begin{array}{r} XYZ \quad ZXCX \\ \times \quad 24 \quad - DEZG \\ \hline ZXCX \quad 1348 \\ + DEZG \\ \hline - - - - \\ \Rightarrow X+Y+Z+C=? \end{array}$$

A) 26 B) 25 C) 24 D) 22 E) 20

11.
$$\begin{array}{r} A \quad B \quad AB \\ \times A \quad \times A \quad + CA \\ \hline B \quad C \quad M0L \\ \Rightarrow M+L=? \end{array}$$

A) 15 B) 11 C) 9 D) 8 E) 7

12.
$$\begin{array}{r} ABC \\ \times \quad AC \\ \hline -B3- \quad \Rightarrow A+B+C=? \\ + \quad B-A \\ \hline CCBC \end{array}$$

A) 13 B) 14 C) 15 D) 16 E) 17

CEVAPLAR / ANSWERS					
1-A	2-E	3-D	4-A	5-B	6-B
7-D	8-A	9-A	10-A	11-E	12-A

BÖLÜM 2
CHAPTER 2
SAYILAR
NUMBERS
TEST - 14

1.
$$\begin{array}{r|l} A & 3 \\ \hline _ & B \\ 1 & \end{array} \quad \begin{array}{r|l} B & 8 \\ \hline _ & \\ 2 & \end{array} \quad \begin{array}{r|l} A & 24 \\ \hline _ & \\ ? & \end{array}$$

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

4.
$$\begin{array}{r|l} 47A32B & 55 \\ \hline _ & \\ 0 & \end{array} \Rightarrow A = ?$$

A) 6 B) 7 C) 8 D) 9 E) 12

2.
$$\begin{array}{r|l} A & 7 \\ \hline _ & B \\ 3 & \end{array} \quad \begin{array}{r|l} B & 4 \\ \hline _ & \\ 1 & \end{array} \quad \begin{array}{r|l} A & 28 \\ \hline _ & \\ ? & \end{array}$$

A) 10 B) 11 C) 12 D) 13 E) 14

5.
$$\begin{array}{r|l} 4A2B & 45 \\ \hline _ & \\ 0 & \end{array} \Rightarrow A = ?$$

A) 5 B) 6 C) 7 D) 8 E) 9

3.
$$\begin{array}{r|l} AB + BA & A+B \\ \hline _ & x+3 \\ 0 & \end{array} \Rightarrow x = ?$$

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

6.
$$\begin{array}{r|l} 75A47B & 99 \\ \hline _ & \\ 0 & \end{array} \Rightarrow A \times B = ?$$

A) 12 B) 16 C) 24 D) 32 E) 36

$$7. \quad \begin{array}{r|l} 1K8 & L5 \\ \hline & 7 \\ \hline & 3 \end{array} \Rightarrow K = ?$$

- A) 3 B) 4 C) 5 D) 7 E) 9

$$8. \quad \begin{array}{r|l} AB & BA \\ \hline & 2 \\ \hline & 5 \end{array} \Rightarrow \min(AB) = ?$$

- A) 3 B) 4 C) 5 D) 6 E) 7

$$9. \quad \begin{array}{r|l} AB & A+B \\ \hline & 5 \\ \hline & \end{array} \Rightarrow AB = ?$$

- A) 36 B) 39 C) 45 D) 49 E) 73

$$10. \quad \begin{array}{r|l} AB & A+B \\ \hline & 4 \\ \hline & 3 \end{array} \Rightarrow \max(AB) = ?$$

- A) 59 B) 63 C) 74 D) 81 E) 89

$$11. \quad \begin{array}{r|l} AB & BA \\ \hline & 4 \\ \hline & 3 \end{array} \Rightarrow A \times B = ?$$

- A) 7 B) 6 C) 5 D) 4 E) 3

$$12. \quad \begin{array}{r|l} AB & 3 \\ \hline & \\ \hline & 0 \end{array} \quad \begin{array}{r|l} AB & 7 \\ \hline & \\ \hline & 0 \end{array} \Rightarrow \max(AB) = ?$$

- A) 72 B) 77 C) 78 D) 84 E) 96

CEVAPLAR / ANSWERS

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

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 15
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1.
$$\frac{AB}{4} \Big| \frac{A+B}{5} \Rightarrow A \times B = ?$$

- A) 16 B) 36 C) 49 D) 72 E) 81

4.
$$\frac{X}{-Y+2} \Big| \frac{Y}{Y+1} \Rightarrow X = ?$$

- A) Y^2 B) $Y^2 + 2$ C) $Y^2 - 2$
D) $Y^2 + 3$ E) $Y^2 - 3$

2.
$$\frac{K}{Y-1} \Big| \frac{Y}{M} \quad \frac{L}{0} \Big| \frac{Y}{M+1} \Rightarrow K+L = ?$$

- A) 3K B) 3K + 1 C) 2K + 1
D) 2K E) 2K - 1

5.
$$\frac{X}{Y-2} \Big| \frac{Y}{Y-1} \Rightarrow Y = ?$$

- A) \sqrt{X} B) $\sqrt{X-2}$ C) $\sqrt{X+2}$
D) $\sqrt{X-3}$ E) $\sqrt{X+3}$

3.
$$\frac{K^2 - K}{1} \Big| \frac{L}{K} \Rightarrow L + 1 = ?$$

- A) K B) $K^2 + 1$ C) $K^2 - 1$
D) $\frac{K^2 - 1}{K}$ E) $\frac{K^2 + 1}{K}$

6.
$$\frac{A}{2} \Big| \frac{B}{3} \quad \frac{B}{5} \Big| \frac{C}{2} \Rightarrow A = ?$$

- A) 6C + 17 B) 6C - 17 C) 6C
D) 17C + 6 E) 17C - 6

7.
$$\begin{array}{r|l} 5K2M & 17 \\ \hline & \\ \hline & 10 \end{array} \Rightarrow \begin{array}{r|l} 2K5M & 17 \\ \hline & \\ \hline & ? \end{array}$$

A) 10 B) 11 C) 13 D) 14 E) 15

8.
$$\begin{array}{r|l} 1A8 & B5 \\ \hline & 7 \\ \hline & 3 \end{array} \Rightarrow A = ?$$

A) 3 B) 5 C) 7 D) 8 E) 9

9.
$$\begin{array}{r|l} 1201200 & 120 \\ \hline & X \\ \hline & 0 \end{array} \Rightarrow X = ?$$

A) 11 B) 101 C) 1001
D) 1010 E) 10010

10.
$$\begin{array}{r|l} \triangle \blacksquare \bullet \triangle & \triangle \blacksquare \\ \hline & X \\ \hline & \bullet < \triangle \end{array} \Rightarrow X = ?$$

A) 1 B) 10 C) 100 D) 101 E) 1010

11.
$$\begin{array}{r|l} KLOKLO & KLO \\ \hline & X \\ \hline & 0 \end{array} \Rightarrow X = ?$$

A) 11 B) 101 C) 1001
D) 1010 E) 10010

12.
$$\frac{KL+LK}{121} = \frac{KL-LK}{27} \Rightarrow K \times L = ?$$

A) 24 B) 28 C) 36 D) 42 E) 63

CEVAPLAR / ANSWERS					
1-D	2-C	3-D	4-B	5-C	6-A
7-E	8-C	9-E	10-C	11-C	12-B

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 16
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1. $\frac{A}{B} = C \Rightarrow \max(C) = ?$

- A) 4 B) 5 C) 6 D) 8 E) 9

2. $\frac{AB}{0} \Big| \frac{3}{0} \quad \frac{AB}{0} \Big| \frac{5}{0} \Rightarrow \max(AB) = ?$

- A) 60 B) 75 C) 85 D) 90 E) 5

3. $\frac{AB}{CD} = K \Rightarrow \max(K) = ?$

- A) 12 B) 11 C) 10 D) 9 E) 8

4. $\frac{AB0}{AB} + \frac{B0}{B} + \frac{KLKL}{KL} = ?$

- A) 21 B) 31 C) 101 D) 121 E) 1021

5. $\frac{XYXY}{XY} + 9 = ?$

- A) 20 B) 29 C) 101 D) 110 E) 120

6. $\frac{AB}{2} \Big| \frac{7}{2} \quad \frac{AB}{2} \Big| \frac{5}{2} \Rightarrow \max(AB) = ?$

- A) 37 B) 65 C) 72 D) 79 E) 93

$$7. \quad \begin{array}{r|l} A & B \\ \hline _ & 3 \end{array} \quad \begin{array}{r|l} B & C \\ \hline _ & 4 \end{array} \quad \begin{array}{r|l} A & C \\ \hline _ & 12 \\ \hline & ? \end{array}$$

- A) 10 B) 13 C) 14 D) 15 E) 16

$$8. \quad \begin{array}{r|l} A+B & B \\ \hline _ & 7 \\ \hline & 5 \end{array} \quad \Rightarrow B = ?$$

- A) $5A + 6$ B) $5A - 6$ C) $\frac{A-5}{6}$
 D) $\frac{A+5}{6}$ E) $\frac{3A+5}{6}$

$$9. \quad \begin{array}{r|l} A & B \\ \hline _ & 5 \\ \hline & 3 \end{array} \quad \begin{array}{r|l} A+51 & B \\ \hline _ & 12 \\ \hline & 5 \end{array} \quad \Rightarrow B = ?$$

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

$$10. \quad \begin{array}{r|l} A & B \\ \hline _ & 7 \\ \hline & 3 \end{array} \quad \begin{array}{r|l} B & C \\ \hline _ & 2 \\ \hline & 1 \end{array} \quad \Rightarrow A = ?$$

- A) $9C + 4$ B) $9C - 4$ C) $14C + 4$
 D) $14C - 4$ E) $14C + 10$

$$11. \quad \begin{array}{r|l} K & 17 \\ \hline _ & M \\ \hline & 8 \end{array} \quad \begin{array}{r|l} K+14 & M+1 \\ \hline _ & 17 \\ \hline & L \end{array} \quad \Rightarrow L = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

$$12. \quad \begin{array}{r|l} 409872481172 & 165 \\ \hline _ & \\ \hline & ? \end{array}$$

- A) 55 B) 66 C) 77 D) 99 E) 121

CEVAPLAR / ANSWERS

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

BÖLÜM 2
CHAPTER 2
SAYILAR
NUMBERS
TEST - 17

$$1. \quad \begin{array}{r} X \\ \hline _ \\ 2 \end{array} \left| \begin{array}{l} 10 \\ M \end{array} \right. \quad \begin{array}{r} Y \\ \hline _ \\ 3 \end{array} \left| \begin{array}{l} 15 \\ M \end{array} \right. \quad \begin{array}{r} XXY \\ \hline _ \\ ? \end{array} \left| \begin{array}{l} 5 \\ _ \end{array} \right.$$

- A) 0 B) 1 C) 2 D) 3 E) 4

$$2. \quad \begin{array}{r} A \\ \hline _ \\ 3 \end{array} \left| \begin{array}{l} B+1 \\ 4 \end{array} \right. \quad \begin{array}{r} B \\ \hline _ \\ 2 \end{array} \left| \begin{array}{l} C-1 \\ 3 \end{array} \right. \Rightarrow A = ?$$

- A) $12C - 3$ B) $12C + 2$ C) $12C$
 D) $12C - 2$ E) $12C + 3$

$$3. \quad b \in R, a \in Z$$

$$\begin{array}{r} a \\ \hline _ \\ _ \end{array} \left| \begin{array}{l} b \\ 16a \end{array} \right. \Rightarrow b = ?$$

- A) 0,0625 B) 0,125 C) 0,25 D) 0,5 E) 1

$$4. \quad \begin{array}{r} AB \\ \hline _ \\ 2 \end{array} \left| \begin{array}{l} 7 \\ 2C-3 \end{array} \right. \quad \begin{array}{r} AB \\ \hline _ \\ C-3 \end{array} \left| \begin{array}{l} 5 \\ 15 \end{array} \right. \Rightarrow C = ?$$

- A) 6 B) 7 C) 8 D) 9 E) 11

$$5. \quad \begin{array}{r} 6AB \\ \hline _ \\ 5 \end{array} \left| \begin{array}{l} B9 \\ 8 \end{array} \right. \Rightarrow A + B = ?$$

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

$$6. \quad \begin{array}{r} 2AB \\ \hline _ \\ 0 \end{array} \left| \begin{array}{l} BA \\ 6 \end{array} \right. \Rightarrow A \times B = ?$$

- A) 90 B) 81 C) 63 D) 42 E) 36

$$7. \quad \begin{array}{r|l} 4AB & BA \\ \hline \underline{\quad} & 13 \\ 7 & \end{array} \Rightarrow BA = ?$$

- A) 6 B) 23 C) 32 D) 36 E) 63

$$8. \quad \begin{array}{r|l} 29K7M & 9 \\ \hline \underline{\quad} & \\ 7 & \end{array} \quad \begin{array}{r|l} 29K7M & 5 \\ \hline \underline{\quad} & \\ 1 & \end{array}$$

$$K - M = ?$$

- A) 1 B) 2 C) 5 D) 7 E) 8

$$9. \quad \begin{array}{r} KLM \\ + \quad PR \\ \hline 502 \end{array} \quad \begin{array}{r|l} KLM & PR \\ \hline \underline{\quad} & 16 \\ 9 & \end{array} \Rightarrow K \times M = ?$$

- A) 28 B) 24 C) 21 D) 16 E) 12

$$10. \quad \begin{array}{r|l} ABC & XYZ \\ \hline \underline{\quad} & 3 \\ 000 & \end{array} \quad \begin{array}{l} X > Y > Z \\ \Rightarrow Y = ? \end{array}$$

- A) 0 B) 1 C) 2 D) 3 E) 4

$$11. \quad \begin{array}{r|l} PKL & 13 \\ \hline \underline{\quad} & \\ MN & \end{array} \Rightarrow \max(MN) = ?$$

- A) 8 B) 9 C) 10 D) 11 E) 12

$$12. \quad \begin{array}{r|l} X & B \\ \hline \underline{\quad} & 4 \\ 8 & \end{array} \quad \begin{array}{r|l} B & 2 \\ \hline \underline{\quad} & \\ 1 & \end{array} \Rightarrow \min(X) = ?$$

- A) 12 B) 16 C) 20 D) 24 E) 44

CEVAPLAR / ANSWERS

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

BÖLÜM 2
CHAPTER 2
SAYILAR
NUMBERS
TEST - 18

1. $\frac{13K5}{5} = K6L \Rightarrow K + L = ?$

- A) 4 B) 5 C) 7 D) 8 E) 9

2. $\frac{KL}{L} = MK, \frac{K}{L} = \frac{3}{2} \Rightarrow K \times L \times M = ?$

- A) 24 B) 28 C) 32 D) 36 E) 45

3.
$$\begin{array}{r|l} KL & M \\ \hline _ & M \\ 0 & \end{array} \quad \begin{array}{l} K + L = 13 \\ \Rightarrow M = ? \end{array}$$

- A) 9 B) 8 C) 7 D) 6 E) 5

4.
$$\begin{array}{r|l} ABC & AC \\ \hline _ _ _ & AC \\ 0 MC & \Rightarrow M + C + A + B = ? \\ \hline _ 39 & \\ 04 & \end{array}$$

- A) 10 B) 13 C) 14 D) 15 E) 16

5.
$$\begin{array}{r|l} ABC & N \\ \hline _ N & 120 \Rightarrow A + N - B = ? \\ 1 B & \\ \hline _ _ & \\ 00 C & \end{array}$$

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

6.
$$\begin{array}{r|l} KLM & L \\ \hline _ N & 2PP \\ 1 - & \\ \hline _ 1 - & \Rightarrow K + L + M + P = ? \\ _ _ & \\ \hline _ 12 & \\ 00 & \end{array}$$

- A) 15 B) 16 C) 17 D) 18 E) 19

$$\begin{array}{r}
 7. \quad \begin{array}{r|l} 785 & ML \\ \hline - & LK \\ \hline 09 & \\ \hline - & \\ \hline 03 & \end{array} & \Rightarrow M+L+K=?
 \end{array}$$

- A) 8 B) 9 C) 11 D) 12 E) 15

$$\begin{array}{r}
 8. \quad \begin{array}{r|l} ABCDE & ABD \\ \hline - ABD & M00 \\ \hline 007-5 & \end{array} & \Rightarrow C+D+M=?
 \end{array}$$

- A) 7 B) 8 C) 9 D) 11 E) 12

$$\begin{array}{r}
 9. \quad \begin{array}{r|l} KLM & N \\ \hline - N & TR8 \\ \hline T7 & \\ \hline - TR & \\ \hline 26 & \\ \hline - YK & \\ \hline 2 & \end{array} & \Rightarrow K+L+M+N+T+R=?
 \end{array}$$

- A) 21 B) 22 C) 24 D) 26 E) 31

$$\begin{array}{r}
 10. \quad \begin{array}{r|l} B0B & RS \\ \hline - & 4K \\ \hline 06- & \\ \hline - & -3 \\ \hline 06 & \end{array} & \Rightarrow B+R+S=?
 \end{array}$$

- A) 8 B) 9 C) 10 D) 11 E) 12

$$\begin{array}{r}
 11. \quad \begin{array}{r|l} 302\Box & \Delta \Delta \\ \hline - & \Delta \Delta \\ \hline - & \\ \hline 004 & \end{array} & \Rightarrow \Delta \times \Box=?
 \end{array}$$

- A) 4 B) 21 C) 32 D) 36 E) 45

$$\begin{array}{r}
 12. \quad \begin{array}{r|l} \triangle \square \triangle & \triangle \\ \hline - & \bullet 27 \\ \hline 0 \square - & \\ \hline - & \\ \hline \triangle \triangle & \\ \hline - & \\ \hline 01 & \end{array} & \Rightarrow \triangle + \triangle + \bullet + \square=?
 \end{array}$$

- A) 11 B) 12 C) 13 D) 14 E) 15

CEVAPLAR / ANSWERS					
1-C	2-A	3-C	4-D	5-A	6-B
7-B	8-E	9-D	10-E	11-E	12-D

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 19
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1.
$$\begin{array}{r} \text{KL} \\ \times \text{L} \\ \hline \text{ML} \end{array} \quad \begin{array}{r} \text{KN} \\ \times \text{N} \\ \hline \text{PN} \end{array} \Rightarrow \text{M} + \text{P} = ?$$

A) 16 B) 15 C) 14 D) 13 E) 12

2.
$$\begin{array}{r} \text{KLM} \\ \text{LM} \\ + \text{M} \\ \hline 258 \end{array} \Rightarrow \text{K} + \text{L} + \text{M} = ?$$

A) 15 B) 14 C) 13 D) 12 E) 11

3.
$$\begin{array}{r} \text{L} \\ + \text{L} \\ \hline \text{KM} \end{array}$$

$\frac{\text{KM}}{\text{N}} = \text{L} \Rightarrow \text{N} = ?$

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

4.
$$\begin{array}{r} \text{K} \\ \times \text{L} \\ \hline \text{L} \end{array} \quad \begin{array}{r} \text{L} \\ \times \text{M} \\ \hline \text{N} \end{array} \quad \begin{array}{r} \text{M} \\ + \text{M} \\ \hline \text{N} \end{array} \quad \begin{array}{r} \text{K} \\ + \text{M} \\ \hline \text{N} \end{array}$$

$\text{K} + \text{N} = ?$

A) 4 B) 5 C) 6 D) 7 E) 8

5.
$$\begin{array}{r} \text{KLM} \\ + \text{ML} \\ \hline 555 \end{array} \quad \begin{array}{r} \text{L} \\ - \text{M} \\ \hline 1 \end{array} \Rightarrow \text{K} + \text{L} = ?$$

A) 12 B) 11 C) 10 D) 9 E) 8

6.
$$\begin{array}{r} \text{K} \\ \times \text{K} \\ \hline \text{LM} \end{array} \quad \begin{array}{r} \text{K} \\ - \text{L} \\ \hline \text{M} \end{array} \Rightarrow \text{K} + \text{L} + \text{M} = ?$$

A) 14 B) 15 C) 16 D) 17 E) 18

7.
$$\begin{array}{r} \text{KN} \quad \text{K} \quad \text{KL} \\ \times \quad \text{M} \quad \text{= L} \quad \text{= L K} \\ \hline \text{KN} \quad \text{M} \quad \text{N} \\ \text{N} + \text{M} = ? \end{array}$$

A) 6 B) 7 C) 8 D) 9 E) 10

8.
$$\begin{array}{r} \text{M5N} \\ + \quad \text{NN} \\ \hline \text{N5M} \end{array} \Rightarrow \text{M} \times \text{N} = ?$$

A) 45 B) 54 C) 63 D) 72 E) 76

9.
$$\begin{array}{r} \text{KLK} \\ \text{KLK} \\ + \quad \text{KLK} \\ \hline 1.K7K \end{array} \Rightarrow \text{K} + \text{L} = ?$$

A) 1 B) 3 C) 5 D) 7 E) 9

10. $\frac{17KK}{4} = \text{KLM} \Rightarrow \text{L} + \text{M} = ?$

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

11.
$$\begin{array}{r} \text{KL} \quad \text{M} \\ + \quad \text{ML} \quad + \text{M} \\ \hline \text{LK} \quad \text{L} \end{array} \Rightarrow \text{L} = ?$$

- A) 4 B) 5 C) 6 D) 7 E) 8

12.
$$\begin{array}{r} \text{KK} \quad \text{MM} \mid \text{K} \\ \times \quad \text{K} \quad \text{=} \quad \text{=} \mid \text{LL} \\ \hline \text{LL} \quad \quad \quad 0 \end{array}$$

$\Rightarrow \text{K} + \text{L} + \text{M} = ?$

- A) 14 B) 15 C) 16 D) 17 E) 18

CEVAPLAR / ANSWERS					
1-A	2-B	3-B	4-D	5-E	6-E
7-E	8-D	9-D	10-C	11-C	12-A

BÖLÜM 2 CHAPTER 2	SAYILAR NUMBERS	TEST - 20
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1.
$$\begin{array}{r} \text{KL} \\ \times \text{K} \\ \hline 408 \end{array}$$

$$\begin{array}{r} \text{KL} \\ + \text{LK} \\ \hline 154 \end{array} \Rightarrow K = ?$$

A) 6 B) 7 C) 8 D) 9 E) 10

4.
$$\begin{array}{r} \text{KK} \\ + \text{LL} \\ \hline \text{MM0} \end{array}$$

$$\begin{array}{r} \text{K} \\ - \text{L} \\ \hline 6 \end{array} \Rightarrow L + M = ?$$

A) 3 B) 4 C) 5 D) 6 E) 7

2.
$$\begin{array}{r} \text{KL} \\ - \text{LK} \\ \hline 1\text{K} \end{array}$$

$$\begin{array}{r} \text{L} \\ + 3 \\ \hline \text{M} \end{array} \Rightarrow M = ?$$

A) 5 B) 6 C) 7 D) 8 E) 9

5.
$$\begin{array}{r} \text{KL} \\ + \text{MN} \\ \hline 1\text{PR} \end{array}$$

$$\begin{array}{r} \text{L} \\ - \text{R} \\ \hline 1 \end{array}$$

$$\begin{array}{r} \text{K} \\ - \text{P} \\ \hline 1 \end{array}$$

$\Rightarrow MN = ?$

A) 13 B) 32 C) 44 D) 75 E) 89

3.
$$\begin{array}{r|l} \text{KL} & \text{M} \\ \hline & 1\text{L} \\ \hline 0 & \end{array}$$

$$\begin{array}{r} \text{K} \\ - \text{M} \\ \hline 2 \end{array}$$

$$\begin{array}{r} \text{L} \\ \times \text{M} \\ \hline 24 \end{array}$$

$\Rightarrow K = ?$

A) 9 B) 8 C) 7 D) 6 E) 5

6.
$$\begin{array}{r} \text{KL MN} \\ \text{L MN} \\ \text{MN} \\ + \text{N} \\ \hline 4584 \end{array}$$

$$\begin{array}{r} \text{M} \\ + \text{N} \\ \hline \text{L} \end{array} \Rightarrow L = ?$$

A) 3 B) 4 C) 5 D) 6 E) 7

7.
$$\begin{array}{r} \text{KLM} \\ + \text{NKL} \\ \hline 723 \end{array} \quad \begin{array}{r} \text{KLM} \\ - \text{NKL} \\ \hline 411 \end{array} \Rightarrow M = ?$$

A) 7 B) 6 C) 5 D) 4 E) 3

8.
$$\begin{array}{r} \text{AA} \\ \times \text{A} \\ \hline \text{BB} \end{array} \quad \begin{array}{r} \text{Z} \\ \times \text{M} \\ \hline \text{M} \end{array} \quad \begin{array}{r} \text{BB} \\ + \text{ZZ} \\ \hline \text{MM} \end{array}$$

$A + B + M + Z = ?$

A) 8 B) 9 C) 10 D) 11 E) 12

9.
$$\begin{array}{r} \text{KL} \\ \times \text{L} \\ \hline \text{KKM} \end{array} \quad \begin{array}{r} \text{K} \\ + \text{M} \\ \hline \text{KL} \end{array} \Rightarrow L = ?$$

A) 9 B) 8 C) 7 D) 6 E) 5

10.
$$\begin{array}{r} \text{MKL} \\ + \text{LMK} \\ \hline 1554 \end{array} \quad \begin{array}{r} \text{K} \\ + \text{L} \\ \hline \text{M} \end{array} \quad \begin{array}{r} \text{L} \\ + 1 \\ \hline \text{K} \end{array}$$

$\Rightarrow K = ?$

A) 7 B) 6 C) 5 D) 4 E) 3

11.
$$\begin{array}{r} \text{KM} \\ - \text{MK} \\ \hline \text{LK} \end{array} \quad \begin{array}{r} \text{L} \\ \times 2 \\ \hline \text{M} \end{array} \Rightarrow L = ?$$

A) 2 B) 3 C) 4 D) 5 E) 6

12.
$$\begin{array}{r} \text{KL} \\ + \text{KL} \\ \hline \text{L8} \end{array} \quad \begin{array}{r} \text{K} \\ + \text{L} \\ \hline 13 \end{array} \Rightarrow K = ?$$

A) 3 B) 4 C) 5 D) 6 E) 7

CEVAPLAR / ANSWERS

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

BÖLÜM 3

CHAPTER 3

İŞLEMLER

OPERATIONS

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 1

1. I. $a \Delta b = a + b + 3$
 II. $3 \Delta 5 = ?$

A) 8 B) 9 C) 10 D) 11 E) 12

2. I. $a \square b = a \cdot b + a + b$
 II. $3 \square 5 = ?$

A) 22 B) 23 C) 24 D) 25 E) 27

3. I. $a \blacktriangle b = a - b + a \cdot b + 1$
 II. $3 \blacktriangle 2 = ?$

A) 5 B) 6 C) 7 D) 8 E) 10

4. I. $x \star y = 3x + 4y - 10$
 II. $4 \star 3 = ?$

A) 14 B) 15 C) 16 D) 17 E) 18

5. I. $x \bullet y = x^2 + y - 1$
 II. $4 \bullet 5 = ?$

A) 20 B) 21 C) 23 D) 27 E) 28

6. I. $x \blacksquare y = 3x - 2y + 11$
 II. $4 \blacksquare 4 = ?$

A) 11 B) 12 C) 13 D) 14 E) 15

7. I. $a \odot b = a^2 + b^2 - 7$

II. $3 \odot 4 = ?$

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

8. I. $a \boxtimes b = a^3 - b^2$

II. $4 \boxtimes 8 = ?$

- A) 32 B) 16 C) 8 D) 4 E) 0

9. I. $a \square b = a^2 + 4b + 4$

II. $(4 \square 5) \square 1 = ?$

- A) 165 B) 181 C) 1604
-
- D) 1608 E) 1664

10. I. $a \boxtimes b = a^3 + b^2 + ab$

II. $4 \boxtimes 2 = ?$

- A) 8 B) 16 C) 64 D) 80 E) 96

11. I. $a \otimes b = a.b + 1$

II. $(5 \otimes 3) \otimes (1 \otimes 1) = ?$

- A) 16 B) 17 C) 31 D) 32 E) 33

12. I. $a \otimes b = \sqrt{a^2 + b^2}$

II. $(3 \otimes 4) \otimes (10 \otimes 2\sqrt{11}) = ?$

- A)
- $\sqrt{165}$
- B) 13 C) 12 D) 11 E)
- $\sqrt{98}$

CEVAPLAR / ANSWERS

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

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 2

1. I. $x \blacktriangle y = xy^2 + x + y + 1$
 II. $3 \blacktriangle 2 = ?$

A) 24 B) 23 C) 18 D) 16 E) 14

2. I. $a \bullet b = 4a - 3b + ab$
 II. $2 \bullet 7 = ?$

A) 5 B) 3 C) 2 D) 1 E) 0

3. I. $a \star b = a^2 + \sqrt{b} + 3$
 II. $14 \star 9 = ?$

A) 280 B) 273 C) 200 D) 201 E) 202

4. I. $a \circ b = 2a + 3b + 4$
 II. $(4 \circ a) = 3b \Rightarrow a = ?$

A) 8 B) 7 C) 6 D) 5 E) 4

5. I. $a \boxtimes b = a^2 + 3b + 7$
 II. $3 \boxtimes x = 49 \Rightarrow x = ?$

A) 5 B) 6 C) 7 D) 9 E) 11

6. I. $a \square b = a^2b + b + 1$
 II. $(3 \square 5) \square a = 1 \Rightarrow a = ?$

A) -2 B) -1 C) 0 D) 1 E) 2

7. I. $a \bullet b = 7a + b - 1$

II. $a \square b = a + 7b - 3$

$(3 \bullet 2) \square (2 \square 1) = ?$

- A) 59 B) 61 C) 149 D) 151 E) 161

8. I. $a \circ b = ab + 2b + 3$

II. $a \bullet b = ab + a^2 + 4$

III. $(3 \circ 4) \circ (3 \bullet 4) = ?$

- A) 1068 B) 971 C) 628 D) 575 E) 324

9. I. $a \circ b = a + b - 7$

II. $a \square b = a + 3b + 3$

III. $a \Delta b = 2a - b + 17$

$(3 \circ 2) + (2 \square 1) + (3 \Delta 11) = ?$

- A) 17 B) 18 C) 19 D) 20 E) 23

10. I. $a \Delta b = ab + 2a + 3b + 11$

II. $3\Delta(x+3) = 47 \Rightarrow x = ?$

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

11. I. $a \circ b = 3a + 2b + 1$

II. $(x+3) \circ (x) = 55 \Rightarrow x = ?$

- A) 5 B) 6 C) 8 D) 9 E) 12

12. I. $a \circ b = 3a - 4b + 7 + (a \Delta b)$

II. $a \Delta b = 2a + 4b + 1 \Rightarrow 1 \circ 2 = ?$

- A) 13 B) 12 C) 11 D) 10 E) 9

CEVAPLAR / ANSWERS

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

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 3

1. I. $a \star b = 2a + 3b - 1$

II. $5 \star 4 = ?$

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

2. I. $a \square b = a + b - 3$

II. $a \Delta b = 2a - b + 7$

III. $a \circ b = 3a + b + 10$

$((2\Delta 3) + (3\square 4)) \Delta (2\circ 5) = ?$

- A) 6 B) 7 C) 8 D) 9 E) 10

3. I. $a \Delta b = a^2 + b^2$

II. $5 \Delta (b + 1) = 250 \Rightarrow b = ?$

- A) 12 B) 13 C) 14 D) 15 E) 16

4. I. $a \circ b = a^2 + b^2 + a \Delta b$

II. $a \Delta b = 2a + b - 1$

III. $3 \circ 4 = ?$

- A) 23 B) 25 C) 29 D) 31 E) 34

5. I. $a \circ b = 4a + 11 + 3b$

II. $(m) \circ (m-1) = 50 \Rightarrow m = ?$

- A) 4 B) 5 C) 6 D) 7 E) 8

6. I. $a \square b = ab + 3a + 1$

II. $2m \square m = 21 \Rightarrow m = ?$

- A) 6 B) 5 C) 4 D) 3 E) 2

7. I. $a \star b = \min(a, b)$

II. $15 \star 10 = ?$

- A) 5 B) 7 C) 10 D) 13 E) 15

8. I. $a \star b = \text{EKOK}(a, b)$

II. $7 \star 21 = ?$

- A) 7 B) 14 C) 19 D) 21 E) 42

9. I. $a \star b = \max(2a, 3b)$

II. $(5 \star 4) = ?$

- A) 4 B) 5 C) 8 D) 10 E) 12

10. I. $a \circ b = \min(\sqrt{a}, b^2)$

II. $100 \circ 4 = ?$

- A) 4 B) 6 C) 10 D) 12 E) 16

11. I. $a \star b = \min(a, 2b)$

II. $10 \star 6 = ?$

- A) 3 B) 6 C) 10 D) 12 E) 18

12. I. $a \Delta b = \text{EBOB}(a, b)$

II. $240 \Delta 150 = ?$

- A) 1 B) 10 C) 15 D) 30 E) 60

GEVAPLAR / ANSWERS					
1-A	2-E	3-C	4-E	5-C	6-E
7-C	8-D	9-E	10-C	11-C	12-D

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 4

1. I. $a \circ b = \max(2^a, 3^b)$
 II. $4 \circ 3 = ?$

A) 8 B) 9 C) 16 D) 27 E) 64

2. I. $a \Delta b = \min(\sqrt{b}, a^3)$
 II. $3 \Delta 169 = ?$

A) 1 B) 3 C) 13 D) 27 E) 169

3. I. $a \Delta b = \min(a \cdot b, ab)$
 II. $3 \Delta 7 = ?$

A) 10 B) 14 C) 21 D) 23 E) 37

4. I. $a \Delta b = \min(2a, 3b)$
 II. $a \circ b = \max(3a, 2b)$
 III. $a \square b = \min(b^2, a)$
 IV. $(4 \Delta 2) + (3 \circ 2) + (3 \square 2) = ?$

A) 10 B) 11 C) 18 D) 19 E) 24

5. I. $a \bullet b = \min(2a, 3b)$
 II. $7 \bullet m = 12 \Rightarrow m = ?$

A) 12 B) 11 C) 8 D) 6 E) 4

6. I. $a \Delta b = \max(3a, b^2)$
 II. $9 \Delta (b + 3) = 36 \Rightarrow b = ?$

A) 3 B) 4 C) 5 D) 6 E) 9

7. I. $a \Delta b = \text{EKOK}(a, b)$

II. $18 \Delta b = 90 \Rightarrow b = ?$

- A) 25 B) 28 C) 45 D) 54 E) 72

8. I. $a \circ b = \frac{a \cdot b}{2} + 3a - b$

II. $(4 \circ 7) \circ 8 = ?$

- A) 125 B) 127 C) 233 D) 144 E) 156

9. I. $a \Delta b = \frac{a+b}{2} - ab - 3a$

II. $7 \Delta 1 = ?$

- A) -28 B) -26 C) -24 D) -22 E) -14

10. I. $a \star b = a^3 - a^2b + 3ab - 7$

II. $4 \star 3 = ?$

- A) 36 B) 39 C) 45 D) 54 E) 63

11. I. $a \Delta b = ab + 7a - 3b - 10$

II. $m \Delta m = m \Rightarrow m = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

12. I. $a \square b = 3a - 2b + 3(b \Delta a)$

II. $a \Delta b = 2ab - 3b + 1$

III. $7 \square 3 = ?$

- A) 127 B) 117 C) 97 D) 91 E) 81

CEVAPLAR / ANSWERS

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

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 5
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1. I. $a \Delta b = a^{-b} + b^{-a}$
II. $(-1) \Delta 2 = ?$

A) $-\frac{3}{2}$ B) $-\frac{1}{2}$ C) $\frac{1}{2}$ D) 0 E) $\frac{3}{2}$

2. I. $a \circ b = a^{-1} + b^{-1} + ab$
II. $2 \circ 3 = ?$

A) 11 B) 7 C) $\frac{41}{6}$ D) $\frac{31}{6}$ E) 6

3. I. $a \circ b = a^2 + b^4 + 10$
II. $(-2) \circ (-3) = ?$

A) -75 B) -65 C) 75 D) 95 E) 105

4. I. $a \circ b = \frac{1}{a} + b - 1$

II. $6 \circ \frac{1}{3} = ?$

A) $-\frac{3}{2}$ B) -1 C) $-\frac{1}{2}$ D) 0 E) $\frac{1}{2}$

5. I. $a \circ b = \frac{1}{a} + \frac{3}{b} + 4$

II. $2 \circ 12 = ?$

A) $\frac{7}{4}$ B) $\frac{13}{4}$ C) $\frac{15}{4}$ D) $\frac{19}{4}$ E) $\frac{21}{4}$

6. I. $a \Delta b = 2(a \Delta b) + ab + a$
II. $2 \Delta 4 = ?$

A) 10 B) 8 C) 0 D) -8 E) -10

7. I. $a \Delta b = a^{\frac{1}{b}} + b^{\frac{1}{a}} + 4$

II. $1 \Delta (-1) = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

8. I. $a \Delta b = \sqrt{a} + \sqrt[3]{b} + \sqrt[4]{a} - 3$

II. $16 \Delta 27 = ?$

- A) 24 B) 18 C) 16 D) 10 E) 6

9. I. $a \Delta b = a^{-2} + b^{-2} + 3$

II. $\frac{1}{2} \Delta \frac{1}{3} = ?$

- A) 16 B) 8 C) $\frac{21}{6}$ D) $\frac{71}{36}$ E) $\frac{111}{36}$

10. I. $a \Delta b = ab - a + 4 (b \Delta a)$

II. $2 \Delta 3 = ?$

- A) $-\frac{16}{15}$ B) $-\frac{17}{15}$ C) $-\frac{18}{15}$ D) $-\frac{19}{15}$ E) $-\frac{20}{15}$

11. I. $a \Delta b = ab + 2a - 3(b \Delta a)$

II. $4 \Delta 1 = ?$

- A) $\frac{1}{4}$ B) $\frac{1}{2}$ C) $\frac{3}{4}$ D) 1 E) $\frac{5}{4}$

12. I. $a \Delta b = b \Delta a$

II. $a \Delta b = ab + 4b + 4a - (b \Delta a)$

III. $3 \Delta 7 = ?$

- A) 40,5 B) 34,5 C) 30,5 D) 20,5 E) 10,5

CEVAPLAR / ANSWERS

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

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 6

1. I. $(a, b) \Delta (c, d) = (a+c, b-d)$

II. $(2, 3) \Delta (3, 5) = ?$

A) (5, 2)

B) (2, 5)

C) (5, -2)

D) (-5, -2)

E) (-5, 2)

2. I. $(a, b) \bullet (c, d) = (ad, bc)$

II. $((4, 0) \bullet (3, 2)) \bullet (2, 1) = ?$

A) (16, 0)

B) (16, 2)

C) (8, 2)

D) (8, 0)

E) (8, 4)

3. I. $a \bullet b = ab + b^2 + (b\Delta a)$

II. $a \Delta b = 2b + 3a - 1$

III. $2 \bullet 3 = ?$

A) 21

B) 22

C) 24

D) 26

E) 27

4. I. $a \circ b = ab$

II. $a \Delta b = \frac{a}{b}$

III. $a \star b = \frac{3a}{b}$

IV. $((2\circ 3) \Delta 2) \star 1 = ?$

A) 4

B) 6

C) 7

D) 8

E) 9

5. I. $a \circ b = 3(a - b)$

II. $a \square b = a^2 - b^2$

III. $(4\square 3) \circ (3\square 2) = ?$

A) 0

B) 3

C) 6

D) 9

E) 12

6. I. $a \circ b = \frac{a^2}{b}$

II. $a \bullet b = \frac{b^2}{a}$

III. $(4\circ 2) \bullet (2\bullet 4) = ?$

A) 64

B) 16

C) 8

D) $\frac{1}{8}$

E) $\frac{1}{16}$

İşlemler

7. I. $2a \bullet b = a + b - 2$

II. $4 \bullet 3 = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

8. I. $2a \bullet 3b = ab + a - 3$

II. $4 \bullet 6 = ?$

- A) 2 B) 3 C) 4 D) 5 E) 25

9. I. $3a \circ 4b = ab + a - b + 1$

II. $2 \circ 3 = ?$

- A) 6 B) 3 C) 2 D)
- $\frac{17}{12}$
- E)
- $\frac{11}{12}$

10. I. $a^2 \circ b^2 = 2ab + a$

II. $4 \circ 16 = ?$

- A) 14 B) 16 C) 18 D) 66 E) 132

11. I. $a^3 \circ b^2 = 3(a-b) + ab$

II. $8 \circ 9 = ?$

- A) 2 B) 3 C) 6 D) 63 E) 72

12. I. $\frac{1}{a} \circ \frac{1}{b} = ab + \frac{1}{2}$

II. $2 \circ 3 = ?$

- A)
- $\frac{1}{6}$
- B)
- $\frac{1}{3}$
- C)
- $\frac{2}{3}$
- D)
- $\frac{7}{2}$
- E)
- $\frac{11}{2}$

CEVAPLAR / ANSWERS

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

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 7

1. I. $\frac{4}{a} \Delta \frac{3}{b} = ab + 1$

II. $2 \Delta 3 = ?$

- A) 1 B) 3 C) 10 D) 11 E) 13

2. I. $\frac{2}{a+1} \bullet \frac{3}{b-1} = a + b$

II. $4 \bullet 3 = ?$

- A) $\frac{5}{2}$ B) $\frac{3}{2}$ C) $\frac{1}{2}$ D) $-\frac{1}{2}$ E) $-\frac{3}{2}$

3. I. $\frac{1}{a \cdot b} = a + b - 1$

II. $a \cdot b = ?$

- A) 5 B) 4 C) 1 D) $\frac{1}{4}$ E) $\frac{1}{5}$

4. I. $5 = \frac{(a \cdot b)}{a+b}$

II. $3 \cdot 2 = ?$

- A) $\frac{1}{5}$ B) 1 C) 2 D) 5 E) 25

5. I. $\frac{1}{\sqrt{a}} \circ \frac{1}{\sqrt{b}} = 2a + 3b$

II. $3 \circ 2 = ?$

- A) $\frac{5}{6}$ B) $\frac{7}{6}$ C) 1 D) $\frac{35}{36}$ E) $\frac{4}{35}$

6. I. $\frac{3}{a \Delta b} = \frac{1}{a} + \frac{1}{b} - 2$

II. $6 \Delta 3 = ?$

- A) -2 B) -1 C) $-\frac{1}{3}$ D) $\frac{1}{3}$ E) $\frac{3}{2}$

7. I. $(2a + 1) \Delta (3b - 1) = a + b + 3$

II. $7 \Delta 14 = ?$

- A) 12 B) 11 C) 10 D) 9 E) 8

8. I. $(a, b) \Delta (c, d)$ (EKOK(a, d), EBOB(c, b))

II. $(14, 18) \Delta (6, 21) = ?$

- A) (21, 18) B) (21, 6) C) (42, 15)
-
- D) (42, 6) E) (21, 12)

9. I. $a \circ b = a^b + a \cdot b$

II. $a \Delta b = b^a + 2b$

III. $(3 \circ 2) + (10 \Delta 1) = ?$

- A) 3 B) 9 C) 12 D) 15 E) 18

10. I. $(a, b, c) \Delta (d, e, f) = (ae, bf, cd)$

II. $((3, 2, 1) \Delta (2, 1, 4)) \Delta (2, 2, 2) = ?$

- A) (3, 8, 2) B) (3, 16, 4) C) (6, 16, 4)
-
- D) (6, 8, 4) E) (6, 16, 2)

11. I. $\frac{a+b}{a \Delta b} = \frac{a}{a-b}$

II. $2 \Delta 6 = ?$

- A) 32 B) 16 C) 8 D) -16 E) -32

12. I. $a \Delta b = 2ab - (a+b) + 1$

II. $a \Delta e = a \Rightarrow e = ?$

- A) -1 B) 0 C) 1 D) 2 E) 3

CEVAPLAR / ANSWERS

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

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 8
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1. I. $a \star b = 3a - b$
 II. $a \Delta b = 2ab - b$
 III. $(2\Delta x) \star 4 = 14 \Rightarrow x = ?$

A) 4 B) 3 C) 2 D) 1 E) 0

2. I. $a \Delta b = \frac{1}{3}(a+b-2ab+1)$
 II. $a \Delta b = a \Rightarrow b = ?$

A) -2 B) -1 C) 0 D) 1 E) 2

3. I. $a \circ b = \frac{6}{5}ab$
 II. $a \Delta b = a \Rightarrow b = ?$

A) $\frac{6}{5}$ B) 1 C) 2 D) 5 E) $\frac{5}{6}$

4. I. $k \Delta m = 2k - m$
 II. $a \Delta 7 = 5 \Delta 13 \Rightarrow a = ?$

A) 4 B) 3 C) 2 D) 1 E) 0

5. I. $a \bullet b = a + b - 2ab$
 II. $a \bullet m = a \Rightarrow m = ?$

A) 4 B) 3 C) 2 D) 1 E) 0

6. I. $(a, b) \Delta (c, d) = (ac+bd, ad-bc)$
 II. $(x, y) \Delta (1, -1) = (3, 5) \Rightarrow (x, y) = ?$

A) (1, 4) B) (1, -4) C) (-1, 4)
 D) (-1, -4) E) (0, 0)

7. I. $a \Delta b = \begin{cases} a-b, a \geq b \\ a.b, a < b \end{cases}$

II. $(5\Delta 3) \Delta (2\Delta 7) = ?$

- A) 28 B) 15 C) 12 D) 9 E) 6

8. I. $a \bullet b = \begin{cases} a^2 - b^2, a \geq b \\ ab, a < b \end{cases}$

II. $(3 \bullet 2) \bullet (2 \bullet 3) = ?$

- A) 5 B) 6 C) 11 D) 17 E) 30

9. I. $a \star b = \begin{cases} a+b, a \geq b \\ a+b-3, a < b \end{cases}$

II. $(3 \star 1) \star (2 \star 4) = ?$

- A) 9 B) 8 C) 7 D) 6 E) 5

10. I. $a \otimes b = \text{EKOK}(a, b)$

II. $a \oplus b = \text{EBOB}(a, b)$

III. $18 \oplus (12 \otimes 4) = ?$

- A) 2 B) 3 C) 6 D) 18 E) 36

11. I. $a \star b = a - b$

II. $a \oplus b = a + b + ab$

III. $a \circ b = \frac{a+b}{5}$

IV. $[(2 \star 3) \oplus (1 \oplus 2)] \circ (3 \circ 1) = ?$

- A) $\frac{3}{5}$ B) $\frac{3}{25}$ C) $\frac{7}{5}$ D) $\frac{7}{25}$ E) 1

12. I. $\boxed{a} = 2a - 1$

II. $\boxed{b} = 3b + 1$

III. $\boxed{2} + \boxed{3} = ?$

- A) 4 B) 5 C) 7 D) 9 E) 13

CEVAPLAR / ANSWERS					
1-C	2-B	3-E	4-C	5-E	6-D
7-A	8-E	9-C	10-C	11-B	12-E

BÖLÜM 3
CHAPTER 3

İŞLEMLER
OPERATIONS

TEST - 9

1. I. $\square = a^2$
 II. $\oplus = 3b + 1$
 III. $\triangle = 2a - 3$
 IV. $\square + \oplus + \triangle = ?$
- A) 13 B) 17 C) 20 D) 21 E) 29

2. I. $a \square b = ab - \frac{a}{b}$
 II. $a \triangle b = ab - \frac{b}{a}$
 III. $(3 \square 2) \triangle (4 \square 2) = ?$
- A) $\frac{28}{3}$ B) $\frac{71}{3}$ C) $\frac{77}{3}$ D) $\frac{80}{3}$ E) $\frac{82}{3}$

3. I. $a \square = a^2 + 1$
 II. $b \triangle = 3b - 1$
 III. $3 \square + 2\triangle = ?$
- A) 9 B) 11 C) 13 D) 15 E) 17

4. I. $a \square = 2a$
 II. $\square a = 3a + 1$
 III. $(\square(2\square))\square = ?$
- A) 13 B) 16 C) 19 D) 26 E) 42

5. I. $a\Delta = a^2 + a + 1$
 II. $\Delta a = 3a - 1$
 III. $(\Delta 3)\Delta = ?$
- A) 38 B) 60 C) 65 D) 73 E) 80

6. I. $a \bullet = 3a - 1$
 II. $\bullet a = a^3 + 1$
 III. $\bullet(3\bullet) = ?$
- A) 14 B) 77 C) 78 D) 83 E) 513

7. I. $abc\Box = bca$
 II. $\Box abc = cba$
 III. $\Delta abc = (3a + 2b + c)$
 IV. $\Delta(\Box(352\Box)) = ?$
- A) 25 B) 22 C) 21 D) 18 E) 13

8. I. $abc\Delta = cab$
 II. $abc\Box = cba$
 III. $((324)\Box)\Delta = ?$
- A) 234 B) 423 C) 243 D) 342 E) 324

9. I. $ab\Delta = 4a + b$
 II. $\Delta ab = a^2 \cdot b$
 III. $\Delta(26\Delta) = ?$
- A) 4 B) 6 C) 48 D) 29 E) 37

10. I. $a\Box \cdot b = b\Box a$
 II. $a\Box b = a\Delta b$
 III. $a\Delta b = 3a + 2b - 1$
 IV. $3\Box 2 = ?$
- A) 5 B) 6 C) 9 D) 11 E) 12

11. I. $a\otimes b = a + (b\oplus 2a)$
 II. $a\oplus b = a\Delta b$
 III. $a\Delta 2b = a + 4b + 1$
 IV. $(3\otimes 4) = ?$
- A) 14 B) 16 C) 18 D) 20 E) 22

12. I. $\Box a = a^3 + a + 1$
 II. $a\Box = \frac{a}{23} + 1$
 III. $(\Box 4)\Box = ?$
- A) 2 B) 3 C) 4 D) 5 E) 6

CEVAPLAR / ANSWERS					
1-D	2-C	3-D	4-D	5-D	6-E
7-D	8-D	9-A	10-D	11-D	12-C

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 10

1. I. $a \Delta b = ab + 2a + (a \square b)$
 II. $a \square b = 2a + 3b - 2 + 3(a \blacktriangle b)$
 III. $a \blacktriangle b = 3a - b + ab$
 IV. $2 \Delta a = 48 \Rightarrow a = ?$

A) 0 B) 1 C) 2 D) 3 E) 4

2. I. $a \Delta b = 2ab - 3a + 4b$
 II. $a \square b = a + 4b + 1$
 III. $4 \square x = x \Delta 3 \Rightarrow x = ?$

A) 8 B) 7 C) 6 D) 5 E) 2

3. I. $a \Delta b = \frac{a}{b} + \frac{b}{a}$
 II. $a \square b = \frac{1}{b} + \frac{1}{a}$
 III. $2 \Delta 3 = 3 \square x \Rightarrow x = ?$

A) $\frac{11}{6}$ B) $\frac{7}{6}$ C) $\frac{6}{5}$ D) $\frac{6}{7}$ E) $\frac{6}{11}$

4. I. $x \Delta y = 5x + 5y + xy + 20$
 II. $a \Delta b = a \Rightarrow a = ?$

A) -2 B) -3 C) -4 D) -5 E) -6

5. I. $A \square = \frac{A}{3} + 1$

II. $B \circ = \frac{B}{2} - 1$

III. $((51 \square) \circ) \square = ?$

A) 0 B) 1 C) 2 D) $\frac{7}{4}$ E) $\frac{8}{3}$

6. I. $a \Delta b = ab + \frac{b}{a} + 1$

II. $a \bullet b = a \cdot b^2 + 2$

III. $a \square b = ab + (a - b)$

IV. $(3 \Delta x) + (x \bullet 3) + (3 \square x) = 49 \Rightarrow x = ?$

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

7. I. $a \star b = a - 2ab + b$

II. $a \star a = a \Rightarrow \Sigma a = ?$

A) $-\frac{1}{2}$ B) 0 C) $\frac{1}{2}$ D) $\frac{5}{2}$ E) 3

8. I. $\textcircled{A} = A^2$

II. $\textcircled{B} = \frac{B}{2}$

III. $\triangle C = c + 1$

IV. $\textcircled{\triangle 3} = ?$

A) 4 B) 8 C) 16 D) 32 E) 64

9. I. $a \Delta b = a, \bar{b}$

II. $a \square b = b, \bar{a}$

III. $(3\Delta 2) + (7\square 4) = ?$

A) $7, \bar{7}$ B) $7, \bar{8}$ C) 8 D) $8, \bar{8}$ E) $10, \bar{6}$

10. I. $\textcircled{A}\textcircled{B} = B - A$

II. $\textcircled{A}\textcircled{B} = B.A$

III. $\frac{\textcircled{\sqrt{1}}\textcircled{\sqrt{2}}}{\boxed{\sqrt{1}}\boxed{\sqrt{2}}} + \frac{\textcircled{\sqrt{2}}\textcircled{\sqrt{3}}}{\boxed{\sqrt{2}}\boxed{\sqrt{3}}} + \frac{\textcircled{\sqrt{3}}\textcircled{\sqrt{4}}}{\boxed{\sqrt{3}}\boxed{\sqrt{4}}} = ?$

A) $\frac{5}{2}$ B) $\frac{3}{2}$ C) $\frac{1}{2}$ E) $-\frac{1}{2}$ E) $-\frac{3}{2}$

11. I. $a \Delta b = ab + a + b - 6$

II. $a \Delta (a + 1) = a$

III. $a.(a + 2) = ?$

A) 3 B) 4 C) 5 D) 6 E) 7

12. I. $1 + \frac{1}{2 + \frac{1}{3 + \frac{1}{a\Delta b}}} = a + b$

II. $3 \Delta 4 = ?$

A) $-\frac{39}{11}$ B) $-\frac{11}{6}$ C) $-\frac{11}{39}$ D) $-\frac{6}{11}$ E) 1

GEVAPLAR / ANSWERS

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

BÖLÜM 3
CHAPTER 3

İŞLEMLER
OPERATIONS

TEST - 11

1. I. $(a, b) \rightarrow 3a + 4b$
II. $(2, 7) \rightarrow ?$

A) 17 B) 24 C) 29 D) 34 E) 36

2. I. $(a, b, c) \rightarrow 3a + 2b + 4c$
II. $(12, 11, 10) = ?$

A) 98 B) 86 C) 84 D) 72 E) 66

3. I. $ABC\Delta \rightarrow 10A + 100B + C$
II. $234\Delta \rightarrow ?$

A) 324 B) 234 C) 243 D) 342 E) 432

4. I. $ABC \rightarrow (A^2, \frac{B}{3}, C^3)$

II. $292 \rightarrow ?$

A) (4, 3, 4) B) (8, 5, 8) C) (4, 9, 8)
D) (4, 3, 2) E) (4, 3, 8)

5. I. $A\Delta \rightarrow (3A, A^2, 2A^3)$

II. $8\Delta \rightarrow ?$

A) (24, 64, 1024) B) (1024, 64, 4)
C) (24, 64, 64) D) (24, 64, 1048)
E) (24, 64, 512)

6. I. $A\Box \rightarrow (A^2, 100 - A^3)$

II. $4\Box \rightarrow ?$

A) (8, 24) B) (64, 36) C) (16, 36)
D) (16, 38) E) (64, 64)

7. I. $(A, B) \rightarrow (A^2, A.B, B^3)$

II. $(2, 3) \rightarrow ?$

- A) (4, 4, 9) B) (2, 3, 9) C) (2, 4, 9)
D) (4, 6, 9) E) (4, 6, 27)

8. I. $ABCD \square \rightarrow A + B + C + D$

II. $ABCD \Delta \rightarrow ABCD - DCBA$

III. $(8234 \Delta) \square \rightarrow ?$

- A) 9 B) 16 C) 17 D) 18 E) 21

9. I. $ABCD \Delta \rightarrow AD - BC$

II. $437x \rightarrow 15 \Rightarrow x = ?$

- A) 5 B) 6 C) 7 D) 8 E) 9

10. I. $AB \square \rightarrow \frac{A+B}{A.B}$

II. $48 \square \rightarrow ?$

- A) $\frac{5}{8}$ B) $\frac{1}{2}$ C) $\frac{3}{8}$ D) $\frac{1}{4}$ E) $\frac{1}{8}$

11. I. $AB \square CD \rightarrow (A+C).(B+D)$

II. $AB \Delta CD \rightarrow (A+B).(C+D)$

III. $(24 \square 34) + (24 \Delta 34) = ?$

- A) 62 B) 74 C) 78 D) 82 E) 84

12. I. $AB \Delta \rightarrow A^2 - B$

II. $\Delta AB \rightarrow B^2 - A$

III. $\Delta(71 \Delta) = ?$

- A) 45 B) 21 C) 15 D) 12 E) 9

CEVAPLAR / ANSWERS					
1-D	2-A	3-A	4-E	5-A	6-C
7-E	8-D	9-E	10-C	11-D	12-A

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 12
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1. I. $(7 \square 5) \Delta 3 = 4$

II. $(9 \Delta 3) \square 4 = 7$

III. $(3 \square 3) \Delta (4 \square 2) = ?$

- A)
- $\frac{1}{2}$
- B) 1 C) 2 D) 3 E) 4

2. I. $(16 \Delta 4) \square 2 = 8$

II. $(12 \circ 3) \square 3 = 27$

III. $(9 \Delta 3) \square (4 \circ 2) = ?$

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

3. I. $5 \square 3 = 15$

II. $77 \Delta 7 = 11$

III. $8 \circ 6 = 2$

IV. $(7 \square 2) \circ (24 \Delta 6) = ?$

- A) 24 B) 16 C) 14 D) 10 E) 7

4. I. $(9 \Delta 3) \blacktriangle 3 = 6$

II. $(12 \blacktriangle 4) \Delta 8 = 2$

III. $(4 \blacktriangle 2) \blacktriangle 2 = ?$

- A) 2 B) 4 C) 6 D) 8 E) 10

5. I. $(16 \bullet 2) \otimes 3 = 14$

II. $(7 \otimes 3) \bullet 2 = 5$

III. $(15 \bullet 3) \bullet (3 \otimes 2) = ?$

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

6. I. $(16 \star 2) \bullet 4 = 7$

II. $(4 \bullet 8) \star (3 \bullet 2) = 2$

III. $(7 \star 13) \bullet (4 \star 1) = ?$

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

7. I. $(3 \star 2) \circ 5 = 11$

II. $(4 \circ 5) \star 2 = 18$

III. $(2 \circ 4) \star 4 = 24$

IV. $(5 \star 2) \circ 3 = ?$

- A) 30 B) 21 C) 13 D) 10 E) 7

8. I. $(5 \circ 2) \square (3 \circ 4) = 22$

II. $(3 \square 4) \circ (2 \square 3) = 35$

III. $(5 \square 3) \circ (2 \square 6) = ?$

- A) 23 B) 27 C) 42 D) 64 E) 72

9. I. $(9 \star 3) \circ 4 = 10$

II. $(8 \circ 4) \square 3 = 36$

III. $[(6 \star 4) \circ (5 \circ 3)] \square 4 = ?$

- A) 72 B) 64 C) 60 D) 48 E) 40

10. I. $(6 \Delta 3) \square 5 = 10$

II. $(8 \square 3) \Delta 4 = 6$

III. $(6 \Delta 2) \square 7 = 21$

IV. $(7 \square 4) \Delta 2 = ?$

- A) 22 B) 18 C) 15 D) 14 E) 13

11. I. $\circ - \square = 6$

II. $\frac{\circ}{\square} = \circ$

III. $\frac{\Delta}{\circ} = \square$

IV. $\Delta = ?$

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

12. I. $\circ + \square = 12$

II. $\circ : \square = \square$

III. $12 : \square = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

CEVAPLAR / ANSWERS

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

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 13
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1. I. $5 \Delta 3 = 19$
II. $7 \Delta 4 = 26$
III. $6 \Delta 5 = 27$
IV. $7 \Delta 2 = ?$

A) 20 B) 18 C) 14 D) 12 E) 9

2. I. $5 \Delta 3 = 21$
II. $7 \Delta 4 = 29$
III. $6 \Delta 5 = 28$
IV. $7 \Delta 2 = ?$

A) 29 B) 25 C) 24 D) 23 E) 22

3. I. $5 \Delta 3 = 22$
II. $7 \Delta 4 = 45$
III. $6 \Delta 5 = 31$
IV. $7 \Delta 2 = ?$

A) 22 B) 29 C) 31 D) 45 E) 47

4. I. $8 \rightarrow 5$
II. $7 \rightarrow 4$
III. $3 \rightarrow 2$
IV. $11 \rightarrow ?$

A) 5 B) 6 C) 7 D) 8 E) 9

5. I. $5 \Delta 3 = 14$
II. $7 \Delta 4 = 23$
III. $6 \Delta 5 = 31$
IV. $7 \Delta 2 = ?$

A) 37 B) 31 C) 27 D) 23 E) 11

6. I. $5 \Delta 3 = 52$
II. $7 \Delta 4 = 113$
III. $6 \Delta 5 = 161$
IV. $7 \Delta 2 = ?$

A) 45 B) 49 C) 57 D) 93 E) 111

7. I. $17 \Delta 5 = 76$

II. $27 \Delta 9 = 81$

III. $14 \Delta 5 = 47$

IV. $21 \Delta 4 = ?$

A) 10 B) 12 C) 14 D) 16 E) 18

8. I. $7 \rightarrow 28$

II. $8 \rightarrow 40$

III. $9 \rightarrow ?$

A) 27 B) 36 C) 45 D) 54 E) 72

9. I. $27 \rightarrow 45$

II. $34 \rightarrow 9$

III. $42 \rightarrow 18$

IV. $37 \rightarrow ?$

A) 18 B) 27 C) 36 D) 45 E) 54

10. I. $5 \rightarrow 52$

II. $8 \rightarrow 46$

III. $9 \rightarrow 18$

IV. $6 \rightarrow ?$

A) 24 B) 12 C) 36 D) 47 E) 63

11. I. $21 \square 17 = 19$

II. $37 \square 29 = 33$

III. $54 \square 42 = 48$

IV. $40 \square 20 = ?$

A) 20 B) 30 C) 40 D) 50 E) 60

12. I. $37 \blacksquare 47 = 28$

II. $11 \blacksquare 85 = 32$

III. $29 \blacksquare 91 = 40$

IV. $12 \blacksquare 36 = ?$

A) 12 B) 16 C) 18 D) 24 E) 30

GEVAPLAR / ANSWERS					
1-A	2-B	3-E	4-A	5-E	6-C
7-D	8-D	9-C	10-E	11-B	12-B

BÖLÜM 3
CHAPTER 3**İŞLEMLER**
OPERATIONS**TEST - 14**

1. I. $7\Delta \rightarrow 14$
II. $8\Delta \rightarrow 16$
III. $19\Delta \rightarrow ?$

A) 12 B) 14 C) 18 D) 28 E) 38

2. I. $11\Delta \rightarrow 8$
II. $23\Delta \rightarrow 20$
III. $36\Delta \rightarrow ?$

A) 54 B) 48 C) 36 D) 24 E) 20

3. I. $5 \rightarrow 31$
II. $6 \rightarrow 43$
III. $7 \rightarrow 57$
IV. $10 \rightarrow ?$

A) 63 B) 77 C) 99 D) 101 E) 111

4. I. $27\blacksquare \rightarrow 3$
II. $381\blacksquare \rightarrow 1$
III. $1011\blacksquare \rightarrow 2$
IV. $7771\blacksquare \rightarrow ?$

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

5. I. $92 \rightarrow 21$
II. $83 \rightarrow 15$
III. $76 \rightarrow 3$
IV. $41 \rightarrow ?$

A) 3 B) 6 C) 9 D) 12 E) 15

6. I. $93\blacksquare \rightarrow 72$
II. $64\blacksquare \rightarrow 20$
III. $81\blacksquare \rightarrow 63$
IV. $85\blacksquare \rightarrow ?$

A) 19 B) 29 C) 39 D) 49 E) 54

7. I. $3 \Delta 4 = 5$

II. $7 \Delta 14 = 19$

III. $13 \Delta 15 = ?$

A) 13 B) 14 C) 15 D) 26 E) 28

8. I. $7 \Delta 3 = 13$

II. $6 \Delta 10 = 26$

III. $4 \Delta 5 = 14$

IV. $7 \Delta 6 = ?$

A) 5 B) 6 C) 9 D) 11 E) 19

9. I. $21 \Delta 34 = 37$

II. $42 \Delta 36 = 69$

III. $72 \Delta 54 = 99$

IV. $70 \Delta 45 = ?$

A) 39 B) 65 C) 75 D) 79 E) 85

10. I. $3\Delta \rightarrow 72$

II. $4\Delta \rightarrow 46$

III. $2\Delta \rightarrow 80$

IV. $5\Delta \rightarrow ?$

A) 80 B) 95 C) 125 D) 251 E) 521

11. I. $15 \Delta 24 = 58$

II. $27 \Delta 18 = 96$

III. $24 \Delta 12 = 84$

IV. $9 \Delta 21 = ?$

A) 9 B) 10 C) 30 D) 37 E) 58

12. I. $7 \blacksquare 6 = 1$

II. $8 \blacksquare 5 = 24$

III. $9 \blacksquare 7 = 25$

IV. $8 \blacksquare 3 = ?$

A) 24 B) 25 C) 40 D) 47 E) 56

CEVAPLAR / ANSWERS

1-E	2-C	3-E	4-E	5-C	6-C
7-D	8-E	9-D	10-E	11-D	12-C

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 15
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1. I. $5 \star 7 = 29$
 II. $8 \star 3 = 30$
 III. $4 \star 9 = 30$
 IV. $11 \star 2 = ?$

A) 13 B) 22 C) 31 D) 37 E) 41

2. I. $4 \Delta 5 = 12$
 II. $6 \Delta 3 = 9$
 III. $8 \Delta 4 = 12$
 IV. $2 \Delta 7 = ?$

A) 8 B) 9 C) 12 D) 15 E) 17

3. I. $4 \Delta 2 = 32$
 II. $3 \Delta 7 = 63$
 III. $2 \Delta 5 = 20$
 IV. $5 \Delta 7 = ?$

A) 175 B) 135 C) 105 D) 95 E) 65

4. I. $46 \square 50 = 54$
 II. $52 \square 24 = 42$
 III. $46 \square 24 = 0$
 IV. $24 \square 38 = ?$

A) 14 B) 24 C) 34 D) 44 E) 54

5. I. $6 \Delta 3 = 33$
 II. $8 \Delta 5 = 59$
 III. $4 \Delta 9 = 7$
 IV. $4 \Delta 7 = ?$

A) 9 B) 11 C) 13 D) 14 E) 21

6. I. $2 \square 7 = 1$
 II. $7 \square 2 = 341$
 III. $4 \square 5 = 59$
 IV. $8 \square 9 = ?$

A) 503 B) 102 C) 93 D) 85 E) 84

7. I. $3 \square 4 = 5$
 II. $9 \square 40 = 41$
 III. $12 \square 16 = 20$
 IV. $33 \square 56 = ?$

A) 67 B) 65 C) 59 D) 79 E) 89

8. I. $21 \bullet 9 = 27$
 II. $27 \bullet 13 = 37$
 III. $15 \bullet 8 = 20$
 IV. $24 \bullet 14 = ?$

A) 17 B) 20 C) 27 D) 35 E) 37

9. I. $5 \Delta 10 = 0$
 II. $10 \Delta 7 = 26$
 III. $11 \Delta 8 = 28$
 IV. $7 \Delta 5 = ?$

A) 6 B) 16 C) 18 D) 26 E) 28

10. I. $46 \blacktriangle \rightarrow 47$
 II. $50 \blacktriangle \rightarrow 43$
 III. $72 \blacktriangle \rightarrow 21$
 IV. $33 \blacktriangle \rightarrow ?$

A) 29 B) 47 C) 53 D) 60 E) 63

11. I. $3 \Delta 5 = 7$
 II. $4 \Delta 3 = 5$
 III. $8 \Delta 7 = 41$
 IV. $7 \Delta 6 = ?$

A) 12 B) 13 C) 29 D) 31 E) 33

12. I. $42 \bullet 4 = 30$
 II. $32 \bullet 3 = 24$
 III. $54 \bullet 5 = 37$
 IV. $84 \bullet 8 = ?$

A) 55 B) 51 C) 50 D) 49 E) 48

GEVAPLAR / ANSWERS					
1-D	2-D	3-A	4-B	5-A	6-A
7-B	8-D	9-C	10-D	11-C	12-A

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 16
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1. I. $72 \Delta 64 = 90$
 II. $23 \Delta 40 = 20$
 III. $33 \Delta 63 = 54$
 IV. $38 \Delta 17 = ?$

A) 72 B) 81 C) 88 D) 91 E) 97

2. I. $81 \Delta 64 = 14$
 II. $23 \Delta 40 = 4$
 III. $33 \Delta 63 = 0$
 IV. $38 \Delta 17 = ?$

A) 20 B) 24 C) 30 D) 38 E) 44

3. I. $72 \Delta 64 = 52$
 II. $23 \Delta 40 = 14$
 III. $33 \Delta 63 = 3$
 IV. $38 \Delta 17 = ?$

A) 23 B) 37 C) 45 D) 56 E) 65

4. I. $72 \blacktriangle 64 \rightarrow 80$
 II. $23 \blacktriangle 40 \rightarrow 6$
 III. $33 \blacktriangle 63 \rightarrow 3$
 IV. $38 \blacktriangle 17 \rightarrow ?$

A) 59 B) 56 C) 54 D) 34 E) 19

5. I. $72 \Delta 64 \rightarrow 38$
 II. $23 \Delta 40 \rightarrow 6$
 III. $33 \Delta 63 \rightarrow 27$
 IV. $30 \Delta 17 \rightarrow ?$

A) 5 B) 7 C) 11 D) 17 E) 21

6. I. $72 \Delta 64 \rightarrow 18$
 II. $23 \Delta 40 \rightarrow 20$
 III. $33 \Delta 63 \rightarrow 18$
 IV. $30 \Delta 17 \rightarrow ?$

A) 14 B) 16 C) 18 D) 20 E) 21

7. I. $5 \Delta \rightarrow 101$
 II. $6 \Delta \rightarrow 181$
 III. $3 \Delta \rightarrow 19$
 IV. $4 \Delta \rightarrow ?$

A) 41 B) 43 C) 49 D) 51 E) 61

8. I. $5 \square 17 = 13$
 II. $4 \square 11 = 13$
 III. $5 \square 8 = 22$
 IV. $7 \square 10 = ?$

A) 12 B) 13 C) 22 D) 27 E) 32

9. I. $10 \square 8 = 18$
 II. $7 \square 4 = 27$
 III. $8 \square 3 = 45$
 IV. $9 \square 2 = ?$

A) 41 B) 51 C) 55 D) 63 E) 73

10. I. $2 \Delta 8 \rightarrow 31$
 II. $1 \Delta 5 \rightarrow 20$
 III. $5 \Delta 1 \rightarrow 8$
 IV. $8 \Delta 2 \rightarrow ?$

A) 23 B) 21 C) 17 D) 13 E) 8

11. I. $1 \Delta 4 = 21$
 II. $9 \Delta 8 = 49$
 III. $8 \Delta 9 = 53$
 IV. $5 \Delta 1 = ?$

A) 7 B) 10 C) 21 D) 41 E) 51

12. I. $7 \blacksquare 8 = 71$
 II. $6 \blacksquare 4 = 34$
 III. $5 \blacksquare 6 = 41$
 IV. $7 \blacksquare 7 = ?$

A) 41 B) 51 C) 55 D) 63 E) 65

CEVAPLAR / ANSWERS					
1-C	2-C	3-D	4-A	5-B	6-C
7-C	8-E	9-D	10-D	11-B	12-D

BÖLÜM 3
CHAPTER 3**İŞLEMLER**
OPERATIONS**TEST - 17**

1. 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

2. I. $9 \otimes 3 = 24$
II. $3 \otimes 8 = 16$
III. $2 \otimes 8 = 8$
IV. $8 \otimes 2 = ?$

A) 2 B) 4 C) 8 D) 12 E) 14

3. I. $1 \otimes 2 = 4$
II. $2 \otimes 3 = 18$
III. $3 \otimes 4 = 48$
IV. $3 \otimes 5 = ?$

A) 30 B) 45 C) 75 D) 85 E) 100

4. I. $2 \otimes 1 = 3$
II. $3 \otimes 4 = 16$
III. $5 \otimes 2 = 12$
IV. $6 \otimes 3 = ?$

A) 21 B) 24 C) 28 D) 31 E) 34

5. I. $5 \bullet 11 = 80$
II. $7 \bullet 8 = 105$
III. $15 \bullet 7 = 330$
IV. $9 \bullet 6 = ?$

A) 72 B) 92 C) 112 D) 232 E) 512

6. I. $8 \circ 8 = 8$
II. $3 \circ 12 = 6$
III. $4 \circ 9 = 6$
IV. $36 \circ 4 = ?$

A) 3 B) 4 C) 6 D) 8 E) 12

7. I. $7542 \square \rightarrow 14$
 II. $4334 \square \rightarrow 6$
 III. $2456 \square \rightarrow 5$
 IV. $9238 \square \rightarrow ?$

A) 4 B) 6 C) 8 D) 10 E) 14

8. I. $7542 \Delta \rightarrow 43$
 II. $4334 \Delta \rightarrow 24$
 III. $2456 \Delta \rightarrow 38$
 IV. $9238 \Delta \rightarrow ?$

A) 22 B) 32 C) 42 D) 44 E) 54

9. I. $7542 \bullet \rightarrow 117$
 II. $4334 \bullet \rightarrow 77$
 III. $2456 \bullet \rightarrow 80$
 IV. $9238 \bullet \rightarrow ?$

A) 120 B) 130 C) 140 D) 150 E) 160

10. I. $1112 \rightarrow 25$
 II. $1113 \rightarrow 36$
 III. $1114 \rightarrow 47$
 IV. $1107 \rightarrow ?$

A) 47 B) 67 C) 69 D) 77 E) 79

11. I. $7542 \Delta \rightarrow 34$
 II. $4334 \Delta \rightarrow 25$
 III. $2456 \Delta \rightarrow 32$
 IV. $9238 \Delta \rightarrow ?$

A) 78 B) 72 C) 65 D) 64 E) 34

12. I. $2 + 3 = 10$
 II. $3 + 4 = 21$
 III. $7 + 10 = 119$
 IV. $10 + 3 = ?$

A) 91 B) 117 C) 119 D) 130 E) 169

CEVAPLAR / ANSWERS					
1-C	2-E	3-C	4-A	5-C	6-E
7-B	8-C	9-B	10-E	11-A	12-D

BÖLÜM 3
CHAPTER 3

İŞLEMLER
OPERATIONS

TEST - 18

1. I. $4 \oplus 6 = 20$
II. $3 \oplus 5 = 16$
III. $3 \oplus 9 = 24$
IV. $6 \oplus 8 = ?$

A) 16 B) 18 C) 24 D) 28 E) 32

2. I. $77 + 98 = 23$
II. $43 + 142 = 4$
III. $74 + 16 = 22$
IV. $42 + 16 = ?$

A) 1 B) 2 C) 4 D) 8 E) 16

3. I. $82 \Delta 33 \rightarrow 7$
II. $25 \Delta 66 \rightarrow 1$
III. $56 \Delta 22 \rightarrow 9$
IV. $49 \Delta 99 \rightarrow ?$

A) 2 B) 3 C) 4 D) 5 E) 6

4. I. $77 \square 41 \rightarrow 12$
II. $83 \square 32 \rightarrow 17$
III. $111 \square 42 \rightarrow 23$
IV. $77 \square x \rightarrow 16 \Rightarrow x = ?$

A) 11 B) 13 C) 17 D) 19 E) 29

5. I. $12 - 8 \rightarrow 32$
II. $9 - 6 \rightarrow 18$
III. $5 - 7 \rightarrow 14$
IV. $3 - 10 \rightarrow ?$

A) 31 B) 40 C) 50 D) 61 E) 70

6. I. $74 \Delta \rightarrow 46$
II. $37 \Delta \rightarrow 16$
III. $45 \Delta \rightarrow 25$
IV. $56 \Delta \rightarrow ?$

A) 36 B) 31 C) 26 D) 21 E) 19

7. I. $2 \bullet 3 = 8$

II. $5 \bullet 4 = 13$

III. $9 \bullet 8 = 25$

IV. $4 \bullet 7 = ?$

A) 3 B) 4 C) 7 D) 14 E) 18

8. I. $4 \circ 5 = 16$

II. $7 \circ 10 = 63$

III. $6 \circ 2 = 6$

IV. $9 \circ 7 = ?$

A) 63 B) 57 C) 54 D) 45 E) 36

9. I. $1285 \rightarrow 42$

II. $3467 \rightarrow 54$

III. $1327 \rightarrow 17$

IV. $2145 \rightarrow ?$

A) 12 B) 17 C) 21 D) 22 E) 25

10. I. $41 \Delta 23 \rightarrow 8$

II. $37 \Delta 12 \rightarrow 7$

III. $21 \Delta 4 \rightarrow 5$

IV. $73 \Delta 27 \rightarrow ?$

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

11. I. $247 \rightarrow 17$

II. $130 \rightarrow 13$

III. $356 \rightarrow 29$

IV. $913 \rightarrow ?$

A) 91 B) 88 C) 74 D) 44 E) 35

12. I. $1285 \rightarrow 65$

II. $3463 \rightarrow 49$

III. $1326 \rightarrow 27$

IV. $2145 \rightarrow ?$

A) 24 B) 27 C) 36 D) 63 E) 66

CEVAPLAR / ANSWERS					
1-D	2-B	3-C	4-E	5-E	6-C
7-E	8-C	9-D	10-D	11-B	12-C

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 19

1. I. $14 \Delta 35 \rightarrow 67$
 II. $24 \Delta 43 \rightarrow 58$
 III. $37 \Delta 11 \rightarrow 48$
 IV. $43 \Delta 35 = ?$

A) 76 B) 78 C) 86 D) 88 E) 96

2. I. $9 \Delta 4 \rightarrow 22$
 II. $5 \Delta 7 \rightarrow 7$
 III. $3 \Delta 7 \rightarrow 1$
 IV. $6 \Delta 2 \rightarrow ?$

A) 7 B) 8 C) 9 D) 15 E) 16

3. I. $8 \square 2 \rightarrow 54$
 II. $3 \square 5 \rightarrow 16$
 III. $2 \square 4 \rightarrow 10$
 IV. $7 \square 3 \rightarrow ?$

A) 36 B) 42 C) 46 D) 52 E) 56

4. I. $85 \rightarrow 40, 3$
 II. $62 \rightarrow 12, 4$
 III. $21 \rightarrow 2, 1$
 IV. $75 \rightarrow ?, ?$

A) (35, 12) B) (75, 12) C) (35, 2)
 D) (35, 3) E) (35, 6)

5. I. $75 \rightarrow 12, 2$
 II. $96 \rightarrow 15, 3$
 III. $62 \rightarrow 8, 4$
 IV. $84 \rightarrow ?, ?$

A) 32, 4 B) 34, 3 C) 12, 4
 D) 12, 2 E) 12, 3

6. I. $6, 4 \rightarrow 36, 10, 16$
 II. $7, 3 \rightarrow 49, x, 9$
 III. $8, 5 \rightarrow 64, 40, y$
 IV. $5, z \rightarrow 25, 5z, 49$
 $x, y, z = ?$

A) 21, 25, 35 B) 21, 49, 7 C) 21, 25, 35
 D) 21, 25, 7 E) 21, 25, 49

7. I. $27 \Delta 12 = 7$

II. $43 \Delta 82 = 48$

III. $72 \Delta 22 = 14$

IV. $14 \Delta 25 = ?$

A) 18 B) 16 C) 14 D) 12 E) 10

8. I. $7 - 6 \rightarrow 38$

II. $5 - 4 \rightarrow 27$

III. $11 - 6 \rightarrow 58$

IV. $8 - 4 \rightarrow ?$

A) 37 B) 41 C) 42 D) 51 E) 61

9. I. $176 \Delta 145 \rightarrow 6$

II. $144 \Delta 181 \rightarrow 30$

III. $132 \Delta 154 \rightarrow 96$

IV. $151 \rightarrow 140 \rightarrow ?$

A) 17 B) 18 C) 19 D) 23 E) 27

10. I. $20 \Delta 4 \rightarrow 4$

II. $24 \Delta 53 \rightarrow 5$

III. $28 \Delta 132 \rightarrow 6$

IV. $6 \Delta 9 \rightarrow ?$

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

11. I. $5 \Delta 3 = 34$

II. $6 \Delta 4 = 52$

III. $7 \Delta 5 = 74$

IV. $8 \Delta 6 = ?$

A) 49 B) 67 C) 74 D) 96 E) 100

12. I. $76 \rightarrow 10$

II. $54 \rightarrow 8$

III. $117 \rightarrow 9$

IV. $348 \rightarrow ?$

A) 11 B) 12 C) 13 D) 14 E) 15

CEVAPLAR / ANSWERS					
1-E	2-E	3-C	4-C	5-C	6-D
7-E	8-C	9-B	10-C	11-E	12-D

BÖLÜM 3
CHAPTER 3
İŞLEMLER
OPERATIONS
TEST - 20

1. I. $2 \star 3 = \frac{1}{6}$
 II. $1 \star 4 = \frac{3}{4}$
 III. $\frac{1}{6} \star \frac{1}{3} = 3$
 IV. $\frac{1}{a} \star \frac{1}{b} = ?$

A) $a - b$ B) $a + b$ C) $\frac{ab}{a+b}$
 D) $\frac{ab}{a-b}$ E) $\frac{2ab}{a+b}$

2. I. $1 \oplus 3 = \frac{2}{4} = \frac{1}{2}$
 II. $2 \oplus 3 = \frac{1}{5}$
 III. $3 \oplus 5 = \frac{2}{8} = \frac{1}{4}$
 IV. $a \oplus b = ?$

A) $\frac{a}{a+b}$ B) $\frac{b}{a+b}$ C) $\frac{ab}{a+b}$
 D) $\frac{b-a}{a+b}$ E) $\frac{a-b}{a+b}$

3. I. $2 \oplus 4 = 15$
 II. $3 \oplus 4 = 20$
 III. $4 \oplus 7 = 40$
 IV. $\frac{1}{a} \oplus b = ?$

A) $a(b+1)$ B) $(a+1)(b+1)$ C) $(a+1).b$
 D) $\frac{a.(b+1)}{a}$ E) $\frac{(a+1)(b+1)}{a}$

4. I. $5 \oplus 7 = 11$
 II. $8 \oplus 10 = 44$
 III. $7 \oplus 15 = 19$
 IV. $a \oplus b = ?$

A) $a + b - 1$ B) $2a + b - 6$ C) $a.b - 24$
 D) $a^2 - b$ E) $a^2 - 2b$

5. I. $7 \oplus 8 \rightarrow 6$
 II. $4 \oplus 7 \rightarrow 1$
 III. $6 \oplus 8 \rightarrow 4$
 IV. $5 \oplus 4 \rightarrow 6$
 V. $a \oplus b \rightarrow ?$

A) $a + b$ B) $3a - b - 7$ C) $3a - 2b + 1$
 D) $2a - b$ E) $2a + b$

6. I. $3 \square 5 \rightarrow 19$
 II. $4 \square 7 \rightarrow 26$
 III. $8 \square 5 \rightarrow 34$
 IV. $6 \square 4 \rightarrow 26$
 V. $a \square \frac{1}{b} \rightarrow ?$

A) $3ab$ B) $\frac{3a}{b}$ C) $\frac{3ab+2}{a}$
 D) $\frac{3ab+2}{b}$ E) $\frac{3ab-3}{b}$

7. I. $7, 6, 5 \rightarrow 13, 12, 30$

II. $6, 7, 3 \rightarrow ?, ?, ?$

- A) (13, 12, 30) B) (13, 12, 7) C) (13, 9, 21)
 D) (13, 9, 20) E) (13, 12, 30)

8. I. $42, 70 \rightarrow 14, 112, 210$

II. $36, 44 \rightarrow 4, 80, 396$

III. $72, 56 \rightarrow ?, ?, ?$

- A) (8, 112, 560) B) (8, 118, 504)
 C) (18, 118, 504) D) (8, 128, 514)
 E) (8, 128, 504)

9. I. $6, 5 \rightarrow 36, 15, 25$

II. $4, 5 \rightarrow ?, ?, ?$

- A) (16, 20, 25) B) (16, 25, 20)
 C) (16, 25, 25) D) (16, 20, 24)
 E) (16, 10, 25)

10. I. $3 \square 4 = 64$

II. $5 \square 2 = 32$

III. $7 \square 1 = 1$

IV. $3 \square 3 = ?$

- A) 3 B) 9 C) 12 D) 21 E) 27

11. I. $9 \square 4 = 23$

II. $2 \square 7 = 54$

III. $6 \square 4 = 26$

IV. $5 \square 9 = ?$

- A) 53 B) 63 C) 67 D) 76 E) 84

12. I. $441 \rightarrow 12$

II. $982 \rightarrow 17$

III. $676 \rightarrow 26$

IV. $169 \rightarrow ?$

- A) 14 B) 19 C) 27 D) 29 E) 31

CEVAPLAR / ANSWERS					
1-A	2-D	3-E	4-E	5-D	6-D
7-C	8-E	9-E	10-E	11-C	12-E

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 21
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1. I. $4 \circ 5 = 39$
 II. $5 \circ 9 = 44$
 III. $8 \circ 16 = 256$
 IV. $9 \circ 25 = ?$

A) 104 B) 84 C) 74 D) 69 E) 59

2. I. $8 \square 49 = 9$
 II. $2 \square 9 = 1$
 III. $13 \square 25 = 21$
 IV. $5 \square 64 = ?$

A) 1 B) 2 C) 3 D) 7 E) 11

3. I. $7 \Delta 4 = 27$
 II. $8 \Delta 3 = 20$
 III. $6 \Delta 8 = 78$
 IV. $3 \Delta 7 = ?$

A) 43 B) 49 C) 51 D) 59 E) 64

4. I. $43 \Delta 18 \rightarrow 5$
 II. $27 \Delta 11 \rightarrow 4$
 III. $63 \Delta 14 \rightarrow 7$
 IV. $112 \Delta 12 = ?$

A) 9 B) 10 C) 11 D) 12 E) 13

5. I. $4 \Delta 7 = 19$
 II. $6 \Delta 2 = 20$
 III. $1 \Delta 6 = 9$
 IV. $9 \Delta 5 = ?$

A) 32 B) 33 C) 44 D) 52 E) 54

6. I. $3 \square 6 = 27$
 II. $4 \square 2 = 12$
 III. $7 \square 8 = 39$
 IV. $6 \square 3 = ?$

A) 32 B) 24 C) 21 D) 19 E) 18

7. I. $2374 \square \rightarrow 61$
 II. $4156 \square \rightarrow 61$
 III. $9864 \square \rightarrow 180$
 IV. $4321 \square \rightarrow ?$

A) 61 B) 62 D) 72 D) 73 E) 74

8. I. $5 \bullet 2 = 14$
 II. $3 \bullet 8 = 5$
 III. $8 \bullet 6 = 21$
 IV. $a \bullet 2b = ?$

A) $a + 2b$ B) $3a + 2b$ C) $3a - 2b$
 D) $3a - b$ E) $3a + b$

9. I. $5 \circ 3 = 98$
 II. $6 \circ 7 = 127$
 III. $4 \circ 6 = 152$
 IV. $3 \circ 9 = ?$

A) 78 B) 84 C) 240 D) 480 E) 720

10. I. $4315 \Delta 137 = 4180$
 II. $2682 \Delta 415 = 2269$
 III. $1348 \Delta 183 = 1167$
 IV. $3467 \Delta 318 = ?$

A) 3168 B) 3018 C) 3151
 D) 3717 E) 3719

11. I. $3 \star 8 = 2$
 II. $6 \star 6 = 7$
 III. $8 \star 2 = 13$
 IV. $2 \star 3 = ?$

A) 4 B) 5 C) 6 D) 7 E) 11

12. I. $612 \rightarrow 6$
 II. $521 \rightarrow 5$
 III. $215 \rightarrow 8$
 IV. $927 \rightarrow ?$

A) 9 B) 8 C) 7 D) 6 E) 5

CEVAPLAR / ANSWERS					
1-A	2-B	3-D	4-B	5-A	6-E
7-D	8-D	9-E	10-C	11-C	12-A

BÖLÜM 3
CHAPTER 3

İŞLEMLER
OPERATIONS

TEST - 22

1. I. $\square = a^2$
 II. $\circlearrowleft = 3b$
 III. $\triangle = \frac{c}{2}$
 IV. $\textcircled{4} + \textcircled{5} + \triangle = ?$
- A) 28 B) 32 C) 34 D) 36 E) 40

2. I. $a \Delta b = a^2 - b + (b \bullet a)$
 II. $b \bullet a = a \cdot b + 2 + (a \blacktriangle b)$
 III. $a \blacktriangle b = 4 \cdot (a - b) + 1$
 IV. $8 \Delta 7 = ?$
- A) 104 B) 117 C) 120 D) 127 E) 134

3. I. $3 \oplus 4 = \frac{1}{7}$
 II. $4 \oplus 6 = \frac{2}{10} = \frac{1}{5}$
 III. $3 \oplus 7 = \frac{4}{10} = \frac{2}{5}$
 IV. $\frac{2}{a} \oplus \frac{3}{b} = ?$
- A) $2b - 3a$ B) $2b + 3a$ C) $\frac{2b + 3a}{2b - 3a}$
 D) $\frac{2b - 3a}{2b + 3a}$ E) $\frac{3b + 2a}{3b - 2a}$

4. I. $7 \square \rightarrow 28$
 II. $6 \square \rightarrow 18$
 III. $8 \square \rightarrow 40$
 IV. $9 \square \rightarrow ?$
- A) 36 B) 45 C) 54 D) 63 E) 72

5. I. $7 \Delta 5 \rightarrow 8$
 II. $8 \Delta 3 \rightarrow 6$
 III. $1 \Delta 7 \rightarrow 7$
 IV. $12 \Delta 3 = ?$
- A) 6 B) 7 C) 8 D) 9 E) 10

6. I. $23 \square 47 \rightarrow 31$
 II. $56 \square 41 \rightarrow 51$
 III. $74 \square 29 \rightarrow 59$
 IV. $40 \square 70 \rightarrow ?$
- A) 40 B) 50 C) 60 D) 70 E) 81

7. I. 578432146 → 1
 II. 1839752876 → 1
 III. 7108170012 → 3
 IV. 1117771000 → ?

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

8. I. $10 \Delta 6 = 8$
 II. $13 \Delta 12 = 5$
 III. $5 \Delta 4 = 3$
 IV. $20 \Delta 12 = ?$

A) 13 B) 16 C) 17 D) 18 E) 19

9. I. $9 \Delta 1 = 29$
 II. $7 \Delta 3 = 27$
 III. $8 \Delta 9 = 42$
 IV. $7 \Delta 10 = ?$

A) 21 B) 30 C) 31 D) 40 E) 41

10. I. $4 \Delta 5 \rightarrow 14$
 II. $6 \Delta 9 \rightarrow 711$
 III. $7 \Delta 5 \rightarrow 47$
 IV. $7 \Delta 6 \rightarrow ?$

A) 25 B) 58 C) 74 D) 83 E) 92

11. I. 168, 126 → 42, 24
 II. 36, 78 → 6, 24
 III. 48, 64 → ?, ?

A) (16, 24) B) (16, 22) C) (12, 22)
 D) (12, 24) E) (16, 26)

12. I. $5 \square 3 = 69$
 II. $4 \square 7 = 56$
 III. $8 \square 5 = 44$
 IV. $6 \square 3 = ?$

A) 44 B) 55 C) 66 D) 77 E) 88

CEVAPLAR / ANSWERS					
1-E	2-C	3-D	4-C	5-D	6-B
7-D	8-B	9-E	10-B	11-B	12-C

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 23
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1. I. $3 \Delta 7 = 36$
 II. $4 \Delta 6 = 44$
 III. $6 \Delta 7 = 63$
 IV. $7 \Delta 8 = ?$

A) 73 B) 85 C) 78 D) 82 E) 79

2. I. $9 \Delta 0 = 10$
 II. $9 \Delta 5 = 50$
 III. $3 \Delta 1 = 12$
 IV. $6 \Delta 2 = ?$

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

3. I. $1 \star 7 = 45$
 II. $2 \star 6 = 28$
 III. $4 \star 8 = 48$
 IV. $4 \star 5 = ?$

A) 9 B) 8 C) 7 D) 10 E) 12

4. I. $61 \square 18 = 42$
 II. $21 \square 13 = 7$
 III. $13 \square 9 = 3$
 IV. $86 \square 9 = ?$

A) 76 B) 80 C) 92 D) 65 E) 18

5. I. $7 \bullet 8 = 65$
 II. $3 \bullet 5 = 24$
 III. $8 \bullet 3 = 33$
 IV. $5 \square 7 = ?$

A) 58 B) 55 C) 44 D) 40 E) 57

6. I. $6 \square 9 = 2$
 II. $3 \square 3 = 5$
 III. $8 \square 1 = 12$
 IV. $5 \square 2 = ?$

A) 11 B) 12 C) 8 D) 28 E) 32

7. I. $2 \Delta 8 = 72$
 II. $3 \Delta 2 = 31$
 III. $4 \Delta 7 = 113$
 IV. $5 \Delta 6 = ?$

A) 160 B) 163 C) 161 D) 165 E) 162

8. I. $38 \bullet 71 = 122$
 II. $44 \bullet 62 = 119$
 III. $33 \bullet 25 = 71$
 IV. $26 \bullet 18 = ?$

A) 58 B) 54 C) 55 D) 56 E) 57

9. I. $457 \rightarrow 6$
 II. $348 \rightarrow 7$
 III. $632 \rightarrow 5$
 IV. $534 \rightarrow ?$

A) 5 B) 3 C) 4 D) 7 E) 6

10. I. $5 \Delta 1 = 27$
 II. $1 \Delta 7 = 15$
 III. $2 \Delta 0 = 4$
 IV. $4 \Delta 5 = ?$

A) 25 B) 26 C) 27 D) 28 E) 29

11. I. $3 \bullet 4 = 15$
 II. $6 \bullet 7 = 45$
 III. $8 \bullet 5 = 71$
 IV. $2 \bullet 7 = ?$

A) 12 B) 14 C) 11 D) 13 E) 15

12. I. $4 \star 6 \Rightarrow 28$
 II. $8 \star 3 \Rightarrow 503$
 III. $5 \star 8 \Rightarrow 61$
 IV. $3 \star 1 \Rightarrow ?$

A) 26 B) 25 C) 27 D) 24 E) 28

CEVAPLAR / ANSWERS					
1-A	2-B	3-A	4-A	5-C	6-C
7-C	8-E	9-E	10-B	11-D	12-A

BÖLÜM 3 CHAPTER 3	İŞLEMLER OPERATIONS	TEST - 24
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1. I. $8 \Delta 4 = 16$
 II. $7 \Delta 9 = 21$
 III. $9 \Delta 1 = 9$
 IV. $5 \Delta 16 = ?$

A) 20 B) 60 C) 70 D) 77 E) 80

2. I. $72 - 22 \rightarrow 5$
 II. $44 - 26 \rightarrow 3$
 III. $53 - 21 \rightarrow 4$
 IV. $81 \rightarrow 9 \rightarrow ?$

A) 3 B) 4 C) 5 D) 6 E) 7

3. I. $7 + 5 \rightarrow 12$
 II. $5 + 3 \rightarrow 8$
 III. $8 + 6 \rightarrow 14$
 III. $9 + 5 \rightarrow ?$

A) 12 B) 18 C) 24 D) 28 E) 36

4. I. $12 \Delta 13 \rightarrow 30$
 II. $24 \Delta 32 \rightarrow 336$
 III. $11 \Delta 12 \rightarrow 6$
 IV. $20 \Delta 62 \rightarrow ?$

A) 83 B) 73 C) 61 D) 5 E) 0

5. I. $a \Delta b = ab + 1 + (a \square 2b)$
 II. $a \square b = (a-b).(a+b) + (2aob)$
 III. $a \circ b = a.b$
 IV. $3 \Delta 1 = ?$

A) 13 B) 15 C) 21 D) 22 E) 25

6. I. $7 \Delta 3 \rightarrow 30$
 II. $8 \Delta 7 \rightarrow 105$
 III. $9 \Delta 4 \rightarrow 52$
 IV. $(a-1) \Delta (b+1) \rightarrow ?$

A) $(a-b)$ B) $(a+b)$ C) $(a-b)(b-1)$
 D) $(a+b)(b+1)$ E) $(a+b+1)(b+1)$

7. I. $5 \Delta 3 \rightarrow 38$

II. $7 \Delta 8 \rightarrow 22$

III. $5 \Delta 9 \rightarrow 14$

IV. $8 \Delta 9 \rightarrow ?$

A) 0 B) 12 C) 17 D) 24 E) 48

8. I. $730 \Delta 9 \rightarrow 1$

II. $224 \Delta 6 \rightarrow 2$

III. $128 \Delta 5 \rightarrow 6$

IV. $643 \Delta 4 \rightarrow ?$

A) 5 B) 6 C) 7 D) 8 E) 9

9. I. $72 \Delta 98 \Rightarrow 84$

II. $27 \Delta 12 \Rightarrow 18$

III. $20 \Delta 45 \Rightarrow 30$

IV. $24 \Delta 54 \Rightarrow ?$

A) 20 B) 24 C) 28 D) 36 E) 38

10. I. $81 \Delta 49 \rightarrow 16$

II. $36 \Delta 16 \rightarrow 10$

III. $144 \Delta 49 \rightarrow 19$

IV. $64 \Delta 25 \rightarrow ?$

A) 19 B) 17 C) 15 D) 13 E) 12

11. I. $8 \Delta 3 = 30$

II. $9 \Delta 7 = 41$

III. $6 \Delta 4 = 26$

IV. $\frac{x}{3} \Delta 3 = 5 \Delta 7 \Rightarrow x = ?$

A) 18 B) 23 C) 27 D) 30 E) 34

12. I. $8 \Delta 5 = 104$

II. $4 \Delta 9 = 108$

III. $8 \Delta 7 = 88$

IV. $9 \Delta 9 = ?$

A) 53 B) 57 C) 58 D) 68 E) 88

CEVAPLAR / ANSWERS

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

BÖLÜM 4

CHAPTER 4

DİZİLER
SERIES

BÖLÜM 4 CHAPTER 4	DİZİLER SERIES	TEST - 1
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1. 1, 2, 3, 4, 5, ?

A) 6 B) 7 C) 8 D) 9 E) 10

2. 3, 5, 7, 9, 11, ?

A) 14 B) 13 C) 12 D) 11 E) 10

3. 17, 22, 27, 32, 37, ?

A) 38 B) 39 C) 40 D) 41 E) 42

4. 43, 41, 39, 37, 35, ?

A) 29 B) 30 C) 31 D) 32 E) 33

5. 98, 91, 84, 77, 70, ?

A) 61 B) 62 C) 63 D) 64 E) 65

6. 76, 69, 62, 55, 48, 41, ?

A) 33 B) 34 C) 35 D) 36 E) 37

7. 83, 72, 61, 50, ?

A) 39 B) 38 C) 37 D) 36 E) 35

8. 76, 61, 46, 31, ?

A) 13 B) 14 C) 15 D) 16 E) 17

9. 13, 19, 25, 31, 37, ?

A) 41 B) 42 C) 43 D) 44 E) 45

10. 43, 42, 40, 37, 33, ?

A) 22 B) 24 C) 26 D) 28 E) 30

11. 7, 8, 11, 16, 23, 32, ?

A) 33 B) 37 C) 41 D) 43 E) 57

12. 11, 14, 20, 29, 41, ?

A) 52 B) 54 C) 56 D) 58 E) 60

13. 74, 72, 68, 62, 54, ?

A) 38 B) 40 C) 41 D) 42 E) 44

14. 100, 99, 95, 86, 70, ?

A) 55 B) 50 C) 45 D) 40 E) 35

15. 18, 46, 94, 63, 52, ?

A) 61 B) 60 C) 59 D) 58 E) 57

GEVAPLAR / ANSWERS

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

BÖLÜM 4
CHAPTER 4**DİZİLER**
SERIES**TEST - 2**

1. 4, 6, 18, 20, 60, 62, ?
A) 77 B) 82 C) 184 D) 186 E) 188
2. 4, 12, 10, 30, 28, 84, ?
A) 80 B) 81 C) 82 D) 86 E) 252
3. 5, 10, 13, 26, 29, ?
A) 32 B) 58 C) 59 D) 87 E) 89
4. 17, 10, 50, 43, 215, ?
A) 207 B) 208 C) 1015 D) 1068 E) 1075
5. 8, 4, 12, 8, 24, 20, ?, ?
A) 56, 60 B) 24, 72 C) 60, 56
D) 60, 64 E) 60, 180
6. 11, 6, 36, 31, 186, ?, ?
A) 181, 1086 B) 180, 1086 C) 180, 900
D) 181, 1081 E) 180, 1805
7. 1, 2, 3, 5, 8, 13, 21, ?, ?
A) (33, 54) B) (24, 35) C) (35, 56)
D) (31, 55) E) (34, 55)
8. 1, 2, 5, 14, 41, ?
A) 44 B) 77 C) 120 D) 122 E) 127

9. 7, 12, 22, 42, 82, ?

A) 102 B) 142 C) 162 D) 182 E) 202

10. 4, 13, 58, 283, ?

A) 1402 B) 1408 C) 1412
D) 1424 E) 1456

11. 13, 5, 15, 7, 21, 13, ?, ?

A) 33, 43 B) 33, 41 C) 39, 31
D) 39, 35 E) 39, 39

12. 5, 7, 11, 19, 35, ?

A) 51 B) 52 C) 54 D) 67 E) 74

13. 4, 2, 12, 6, 16, 8, 18, ?, ?

A) (8, 16) B) (9, 19) C) (28, 14)
D) (9, 18) E) (19, 9)

14. 7, 8, 13, 22, 35, ?

A) 41 B) 43 C) 47 D) 52 E) 65

15. 08, 28, 48, 68, 88, ?

A) 09 B) 08 C) 07 D) 06 E) 05

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

BÖLÜM 4
CHAPTER 4

DİZİLER
SERIES

TEST - 3

1. 12, 17, 20, 25, 28, ?

A) 31 B) 32 C) 33 D) 34 E) 35

2. 2, 1, 4, 2, 16, 5, 256, ?

A) 25 B) 26 C) 625 D) 676 E) 677

3. 5, 3, 14, 7, 41, 15, 122, ?

A) 16 B) 19 C) 21 D) 25 E) 31

4. I. 1, 2, 3, 4, 5, 6
II. 3, 3, 2, 4, 3, ?

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

5. O, T, T, F, F, S, ?

A) S B) F C) B D) C E) D

6. I. 1, 2, 3, 4, 5, 6
II. R, İ, Ç, T, Ş, ?

A) İ B) A C) Ç D) Ö E) W

7. I. 1, 2, 3, 4, 5, 6
II. 1, 4, 9, 16, 25, ?

A) 27 B) 29 C) 31 D) 34 E) 36

8. $\frac{13}{2}, 5, \frac{7}{2}, 2, ?$

A) $\frac{3}{2}$ B) 1 C) $\frac{1}{2}$ D) 0 E) $-\frac{1}{2}$

9. 1, 2, 3, 3, 8, 15, 9, 32, 75

- A) (81, 128, 385) B) (81, 120, 383)
 C) (80, 120, 385) D) (81, 128, 375)
 E) (27, 128, 375)

10. 1, 2, 4, 3, 3, 7, 9, 8, 13, 27, 63, 25, ?

- A) 100 B) 81 C) 64 D) 49 E) 36

11. 5, 15, 60, 300, ?

- A) 160 B) 1600 C) 1700 D) 1800 E) 2100

12. 2, 3, 8, 63, ?

- A) 252 B) 2521 C) 2727 D) 3960 E) 3968

13. 18, 46, 94, 63, 52, 61, ?

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

14. 4, 6, 5, $\frac{11}{2}$, $\frac{21}{4}$, ?

- A) $\frac{43}{4}$ B) $\frac{21}{4}$ C) $\frac{43}{8}$ D) $\frac{21}{8}$ E) 1

15. 3, 4, 7, 11, 18, 29, ?

- A) 44 B) 47 C) 50 D) 51 E) 52

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

BÖLÜM 4 CHAPTER 4	DİZİLER SERIES	TEST - 4
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1. 3, 23, 7, 79, 11, ?, ?

- A) 11, 1 B) 167, 15 C) 143, 8
D) 171, 3 E) 54, 9

2. 2, 4, 7, 14, 17, ?, ?

- A) (34, 37) B) (37, 34) C) (20, 40)
D) (14, 28) E) (20, 37)

3. 1, 2, 3, 6, 11, 20, 37, 68, ?

- A) 89 B) 87 C) 121 D) 124 E) 125

4. 3, 4, 8, 17, 33, ?

- A) 50 B) 54 C) 58 D) 59 E) 60

5. 2, 7, 3, 4, 14, 6, 6, 21, 9, 8, ?, 12,

- A) 17 B) 28 C) 39 D) 40 E) 51

6. 10, 8, 13, 11, 21, 19, ?, 32, 52

- A) 20 B) 26 C) 28 D) 30 E) 34

7. 2, 8, 26, 80, ?

- A) 240 B) 242 C) 244 D) 246 E) 248

8. 0, 1, 9, 36, 100, ?

- A) 101 B) 136 C) 164 D) 200 E) 225

9. 5, 4, 9, 11, 17, 32, 33, ?, ?

- A) (95, 65) B) (65, 95) C) (90, 60)
D) (60, 30) E) (95, 75)

10. I II
 5 13
 11 31
 23 67
 47 y
 x -
y + x = ?

- A) 32 B) 34 C) 38 D) 41 E) 44

11. I II
 17 11
 15 13
 14 14
 13 x

- A) 13 B) 14 C) 15 D) 16 E) 17

12. 2, 6, 12, 20, 30, ?

- A) 40 B) 42 C) 44 D) 46 E) 48

13. 1, 8, 27, 64, 125, 216, ?

- A) 264 B) 300 C) 384 D) 343 E) 396

14. 5, 8, 14, 26, ?

- A) 40 B) 42 C) 44 D) 48 E) 50

15. 215, 343, 612, 521, ?

- A) 46 B) 412 D) 421 D) 521 E) 512

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

BÖLÜM 4 CHAPTER 4	DİZİLER SERIES	TEST - 5
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1. 7, 12, 9, 14, 11, 16, ?

A) 14 B) 13 C) 12 D) 11 E) 10

2. 7, 6, 12, 11, 22, 21, ?

A) 22 B) 42 C) 52 D) 62 E) 72

3. 5, 3, 9, 7, 21, 19, ?

A) 56 B) 57 C) 59 D) 61 E) 74

4. 4, 1, 6, 3, 8, 5, 10, ?

A) 6 B) 7 C) 8 D) 9 E) 10

5. 3, 2, 4, 3, 1, 6, 3, 5, ?

A) 5 B) 3 C) 1 D) 2 E) 7

6. I. 1, 2, 3, 4, 5

II. 3, 4, 5, 6, ?

A) 3 B) 4 C) 5 D) 6 E) 7

7. 17, 9, 10, 5, 6, 3, 4, ?

A) 0 B) 1 C) 2 D) 3 E) 8

8. O, T, T, F, F, S, S, ?

A) O B) E C) T D) F E) G

9. 1 → 4
2 → 5
3 → 4
5 → 5
6 → ?

A) 8 B) 7 C) 6 D) 5 E) 4

10. B, İ, Ü, D, B, ?

A) Z B) T C) Ü D) K E) A

11. 17, 8, $\frac{7}{2}$, $\frac{5}{4}$, ?

A) 1 B) $\frac{7}{8}$ C) $\frac{5}{8}$ D) $\frac{3}{8}$ E) $\frac{1}{8}$

12. 3, 12, 9, 36, 33, ?

A) 30 B) 39 C) 96 D) 108 E) 132

13. 7, 2, 12, 7, 42, 37, ?

A) 38 B) 74 C) 14 D) 222 E) 332

14. 2, 5, 14, 41, ?

A) 14 B) 41 C) 120 D) 122 E) 155

15. 1, 2, 3, 3, 6, 9, 7, 14, 21, ?, ?

A) 15, 30 B) 15, 45 C) 14, 28
D) 20, 40 E) 30, 60

CEVAPLAR / ANSWERS

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

BÖLÜM 4 CHAPTER 4	DİZİLER SERIES	TEST - 6
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11.

<u>I</u>	<u>II</u>
5	4
10	9
15	14
20	19
?	?

- A) (24, 25) B) (25, 24) C) (25, 25)
D) (26, 25) E) (25, 26)

2.

<u>I</u>	<u>II</u>
17	8
34	7
68	14
?	?

- A) (126, 9) B) (136, 10) C) (146, 11)
D) (126, 10) E) (136, 9)

3. I. 7, 11, 19, 35, 67
II. 10, 30, 28, ?, ?

- A) (76, 74) B) (84, 52) C) (82, 54)
D) (84, 86) E) (86, 84)

4. I. 2, 5, 24, 575 $\Rightarrow a^2 + 1$
II. 2, 3, 8, 63 $\Rightarrow ?$

- A) a^2 B) $a^2 - 1$ C) $a^2 + 1$
D) $2a + 1$ E) $3a + 2$

5. 1, 4, 12, 32, 80, ?

- A) 120 B) 144 C) 164 D) 180 E) 182

6.

<u>I</u>	<u>II</u>	<u>III</u>
1	2	$\sqrt{5}$
2	3	$\sqrt{13}$
3	4	5
4	5	$\sqrt{41}$
5	6	?

- A) 51 B) 53 C) 57 D) 59 E) 61

7. O, Ş, M, N, M, H, ?

- A) A B) T C) E D) F E) K

8. I. A, B, D, G, K
II. 1, 2, 4, 6, ?

- A) 9 B) 10 C) 11 D) 12 E) 13

Diziler

9.

I	II
3	9
7	21
15	45
?	93
- A) 29 B) 30 C) 31 D) 32 E) 33

10. I. 37, 27, 54, 44, 88, 78
 II. 21, 14, 20, 16, 64, 56, ?
- A) 24 B) 30 C) 32 D) 36 E) 40

11. 1, 2, 2, 4, 8, 32, ?
- A) 32 B) 64 C) 128 D) 256 E) 512

12. 1, 2, 3, 4, 6, 9, 13, 19, ?
- A) 25 B) 26 C) 27 D) 28 E) 29

13. S, S, D, S, G, H, A, ?

A) A B) K C) N D) Y E) Z

14. I. A, B, C, D, E, F, G
 II. 11, 12, 13, 14, 15, 16, 17
 III. F, H, J, L, N, P
 IV. 32, ?

A) 33 B) 34 C) 35 D) 36 E) 37

15. 1, 3, 6, 9, 36, 99, ?

A) 270 B) 260 C) 264 D) 276 E) 288

CEVAPLAR / ANSWERS					
1-B	2-B	3-B	4-C	5-E	6-E
7-B	8-C	9-C	10-B	11-D	12-D
13-D	14-B	15-E			

BÖLÜM 4 CHAPTER 4	DİZİLER SERIES	TEST - 7
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1. 3, 11, 9, 17, 15, ?

A) 13 B) 15 C) 18 D) 20 E) 23

2. 4, 9, 15, 22, 30, 39, ?

A) 39 B) 41 C) 43 D) 47 E) 49

3. 3, 6, 5, 10, 9, ?, ?

A) (18, 20) B) (19, 18) C) (20, 20)
D) (18, 17) E) (20, 18)

4. 1, 3, 7, 15, 31, 63, ?

A) 127 B) 125 C) 124 D) 122 E) 121

5. 3, 7, 15, 31, ?

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

6. 2, -1, -4, 11, 116, a, b, ?

$b = ?a$

A) $a^2 - 5$ B) $a^2 + 5$ E) $3a - 2$
D) $-4a - 5$ E) $10a + 6$

7. 1, 2, 5, 26, 677, a, b

$b = ?a$

A) 2a B) 2a + 1 C) 5a + 1
D) $a^2 - 1$ E) $a^2 + 1$

8. 3, 7, 19, 55, 163, a, b

$b = ?a$

A) 3a + 2 B) 2a + 1 C) 3a - 2
D) 2a - 1 E) 3a

9. 5, 3, 9, 7, 17, 15, 33, 31, 65, ?, ?

- A) (63, 126) B) (60, 120) C) (61, 122)
D) (64, 128) E) (63, 129)

10. 1, 3, 4, 7, 13, 15, 40, ?, ?

- A) (21, 121) B) (31, 122) C) (41, 121)
D) (31, 121) E) (31, 131)

11. 2, 3, 3, $\frac{9}{2}$, $\frac{27}{4}$, ?

- A) $\frac{243}{16}$ B) $\frac{51}{8}$ C) $\frac{243}{8}$ D) $\frac{81}{4}$ E) $\frac{243}{4}$

12. $\frac{8}{5}$, $\frac{3}{2}$, $\frac{7}{5}$, $\frac{13}{10}$, $\frac{6}{5}$, ?

- A) $\frac{13}{10}$ B) $\frac{12}{5}$ C) $\frac{12}{11}$ D) $\frac{7}{6}$ E) $\frac{6}{5}$

13. 1, 1, 2, 1, 1, 2, 4, 1, 2, 2, 0, 3, 1, 4, ?, ?

- A) (6, 1) B) (5, 1) C) (4, 1)
D) (3, 1) E) (2, 1)

14. 14, 91, 62, 53, 64, 96, 48, ?

- A) 10 B) 17 C) 24 D) 51 E) 78

15. 5, $\frac{16}{3}$, $\frac{17}{3}$, 6, $\frac{19}{3}$, $\frac{20}{3}$, ?, ?

- A) $(7, \frac{23}{3})$ B) $(7, \frac{22}{3})$ C) (7, 8)
D) $(7, \frac{25}{3})$ E) $(8, \frac{29}{3})$

CEVAPLAR / ANSWERS

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

BÖLÜM 4 CHAPTER 4	DİZİLER SERIES	TEST - 8
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★ Farklı kuralı olan sayı dizisini bulunuz.

1. I. 10, 29, 86, 257
II. 2, 5, 14, 41
III. 1, 2, 5, 14, 41
IV. 8, 25, 76, 229

A) I B) II C) III D) IV E) I ve II

2. I. 1, 2, 3, 4, 5, 6
II. 2, 3, 4, 5, 6, 7
III. -3, -2, -1, 0, 1, 2
IV. 5, 6, 7, 8, 9
V. 6, 8, 10, 11, 12

A) I B) II C) II D) IV E) V

3. I. 1, 2, 3, 5, 8, 13
II. 2, 7, 9, 16, 25, 41
III. 1, 4, 5, 9, 14, 23, 37
IV. 5, 6, 11, 22, 44, 46

A) I B) II C) III D) I ve II E) V

4. I. 5, 7, 11, 19, 35
II. 1, -1, -5, -13, -29
III. 4, 5, 7, 11, 19, 35
IV. 6, 15, 27, 51, 98
V. 15, 27, 51, 99, 199

A) I B) II C) II D) IV E) V

★ I, II, III, IV arasındaki ilişkiyi bularak soruları çözünüz. (5-8)

5. I. 4, 11, 25, 53, 109
II. 3, 11, 35, 107, 323
III. 2, 7, 22, 67, 202
IV: 5, ?

A) 8 B) 10 C) 13 D) 16 E) 17

6. I. 1, 3, 2, 6, 5, 15, 14
II. 5, 4, 12, 11, 33, 32, 96
III. 4, 8, 5, 10, 7, 14, 11
IV. 15, 12, ?

A) 24 B) 21 C) 20 D) 13 E) 10

7. I. 2, 1, -1, -5, -13
II. 5, 13, 37, 109, 325
III. 1, 7, 25, 79, 241
IV. 5, ?

A) 13 B) 17 C) 19 D) 21 E) 23

8. I. 5, 8, 11, 14, 17
II. 19, 16, 13, 10, 7
III. 7, 9, 11, 13, 15
IV. 19, ?

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

9. E, Z, D, V, F, S, S, ?

A) A B) B C) C D) D E) W

10. 8, 4, 16, 12, 48, 44, ?

A) 46 B) 48 C) 88 D) 164 E) 176

11. I. 3, 9, 5, 15, 11, 33, 29

II. 3, 12, 9, 36, 33, 132, 129

III. 4, 11, 25, 53, 109

IV. 10, ?

A) 21 B) 22 C) 23 D) 31 E) 32

12. I. 4, 11, 25, 33, 69

II. 10, 31, 73, 97, ?

A) 203 B) 205 C) 207 D) 209 E) 211

13. 2, 9, 30, 93, 282, ?

A) 696 B) 758 C) 832 D) 849 E) 924

14. I. 4, 8, 16, 32, 64, 128

II. 4, 5, 6, 7, 10, ?

A) 9 B) 10 C) 11 D) 12 E) 13

15. I. 15, 31, 63, 127, 255

II. 5, 7, 8, 12, ?

A) 9 B) 10 C) 11 D) 12 E) 13

CEVAPLAR / ANSWERS

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

BÖLÜM 4
CHAPTER 4**DİZİLER**
SERIES**TEST - 9**

Kuralı bozan sayıyı bulunuz.

1. 1, 3, 9, 26, 81, 243,

A) 1 B) 3 C) 9 D) 26 E) 81

2. 2, 5, 14, 41, 121, 365,

A) 5 B) 41 C) 121 D) 365 E) 2

3. 98, 91, 84, 77, 70, 59,

A) 98 B) 84 C) 77 D) 70 E) 59

4. 76, 61, 46, 31, 26, 16

A) 76 B) 61 C) 46 D) 26 E) 16

5. 100, 99, 95, 86, 70, 55,

A) 55 B) 70 C) 86 D) 95 E) 89

6. 18, 46, 94, 63, 51, 61, 91,

A) 91 B) 61 C) 52 D) 63 E) 46

7. 7, 8, 11, 16, 23, 35,

A) 7 B) 8 C) 11 D) 23 E) 35

8. 3, 11, 9, 17, 15, 23, 21, 29, 28

A) 28 B) 23 C) 21 D) 17 E) 15

9. 3, 11, 9, 17, 15, 23, 21, 28, 27,

A) 27 B) 28 C) 21 D) 23 E) 18

10. 4, 9, 15, 22, 30, 39, 49, 70,

A) 70 B) 49 C) 39 D) 30 E) 22

11. 3, 7, 15, 31, 62, 127,

A) 62 B) 31 C) 15 D) 7 E) 3

12. 1, 3, 7, 15, 31, 63, 126,

A) 126 B) 63 C) 33 D) 15 E) 3

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

A) 13 B) 41 C) 122 D) 365 E) 2

14. 1, 3, 7, 15, 30, 63,

A) 1 B) 3 C) 7 D) 15 E) 30

15. 3, 7, 19, 54, 163,

A) 3 B) 7 C) 19 D) 54 E) 63

16. 3, 6, 5, 10, 9, 18, 17, 36,

A) 36 B) 17 C) 18 D) 9 E) 10

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

BÖLÜM 4
CHAPTER 4

DİZİLER
SERIES

TEST - 10

1. I. 171, 57, 54, 18, 15, 5
II. 12, 6, 8, 4, 6, 3, 5
III. 3, 12, 16, 64, 68, 272, 276
IV. ?

- A) 3, 12, 8, 28, 112, 108
B) 3, 9, 6, 18, 15, 45, 42
C) 3, 7, 11, 15, 19, 23, 27
D) 3, 9, 12, 56, 39, 117, 120
E) 3, 12, 6, 24, 12, 48, 24

2. I. 2, 4, 8, 16, 32, 64
II. 343, 81, 27, 9, 3, 1
III. 9, 27, 81, 243, 729
IV. ?

- A) 1, 3, 9, 27, 81, 243
B) 64, 16, 4, 1
C) 256, 128, 64, 32, 16
D) 343, 49, 7, 1
E) 2, 6, 36, 6, 1

3. I. 3, 7, 15, 31, 63
II. 5, 7, 9, 11, 13
III. 7, 22, 67, 202, 607
IV. ?

- A) 2, 7, 17, 37, 77
B) 1, 4, 16, 64, 128
C) 1, 3, 6, 9, 12
D) 3, 6, 9, 12, 15
E) 5, 9, 17, 33, 65

4. I. 4, 8, 4, 8, 4, 8, 2
II. 16, 8, 12, 6, 10, 5, 9
III. 9, 12, 4, 7, $\frac{7}{3}$, $\frac{19}{3}$
IV. ?

- A) 81, 27, 30, 10, 13
B) 81, 78, 75, 72, 69
C) 16, 8, 4, 2, 1
D) 32, 16, 8, 4, 2, 1
E) 64, 12, 4, 1

5. I. 10, 19, 37, 73, 145
 II. 10, 21, 43, 87, 175
 III. 4, 13, 40, 121, 364
 IV. ?

- A) 3, 11, 34, 103
 B) 3, 10, 31, 45, 61
 C) 4, 11, 32, 95, 284
 D) 4, 24, 144, 684
 E) 5, 25, 125, 625

6. I. 10, 14, 7, 11, $\frac{11}{2}$
 II. 16, 8, 12, 6, 10
 III. 12, 18, 6, 12, 4
 IV. 27, 9, 15, 5, 1

- A) 81, 27, 33, 10, 27
 B) 81, 27, 33, 11, 27
 C) 27, 9, 15, 5, 11
 D) 82, 10, 42, 20, 15
 E) 27, 9, 6, 2, 1

7. I. 12, 15, 5, 8, $\frac{8}{3}$

- II. 81, 27, 30, 10, 13
 III. 64, 66, 20, 5, 9
 IV: ?

- A) 256, 260, 105, 109
 B) 5, 9, 6, 7, 5, 7
 C) 36, 40, 10, 14, $\frac{7}{4}$
 D) 64, 60, 15, 19, 21
 E) 44, 48, 12, 16, 4

8. I. 44, 40, 34, 26, 16
 II. 10, 20, 28, 34, 38, 40
 III. 50, 53, 58, 65, 74
 IV. ?

- A) 80, 71, 61, 51, 41
 B) 80, 71, 62, 53, 44
 C) 80, 71, 64, 59, 52
 D) 75, 64, 53, 42, 31
 E) 64, 60, 56, 52, 45

CEVAPLAR / ANSWERS					
1-B	2-B	3-D	4-A	5-C	6-C
7-E	8-C				

BÖLÜM 4
CHAPTER 4

DİZİLER
SERIES

TEST - 11

1. 2, 10, 40, 120, 240, ?

- A) 720 B) 49 C) 240 D) 120 E) 60

2. 80, 16, 4, $\frac{4}{3}$, ?

- A) $\frac{4}{3}$ B) 1 C) $\frac{2}{3}$ D) $\frac{1}{3}$ E) 0

3. 1, 1, 2, 6, 24, 120, ?

- A) 720 B) 480 C) 360 D) 240 E) 120

4. 1, 4, 9, 6, 5, 6, 9, 4, ?

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

5. 76, 39, 40, 20, 10, 5, 6, 3, ?

- A) 0 B) 1 C) 2 D) 3 E) 4

6. 37, 18, $\frac{17}{2}$, 4, ?

- A) $\frac{5}{4}$ B) $\frac{4}{3}$ C) $\frac{3}{2}$ D) $\frac{2}{3}$ E) $\frac{1}{2}$

7. 8, 18, 29, 41, ?

- A) 50 B) 51 C) 52 D) 53 E) 54

8. I. 0, 1, 2, 3, 4, 5, 6

II. 2, 2, 3, 7, 25, 121, ?

- A) 321 B) 421 C) 521 D) 621 E) 721

9. I. 12, 24, 36, 48, 60
II. 2, 8, 18, 32, ?

A) 0 B) 1 C) 2 D) 3 E) 4

10. I. 8, 6, 4, 3, 2, 1
II. 1, 4, 9, 6, 5, ?

A) 5 B) 6 C) 7 D) 8 E) 9

11. I. 94, 63, 52, 61, ?
II. 15, 13, 11, 9, 7

A) 8 B) 9 C) 10 D) 11 E) 12

12. I. 12, 24, 36, 48, 60
II. 3, 6, 9, 12, ?

A) 3 B) 4 C) $\frac{15}{2}$ D) 5 E) 6

13. I. 927, 215, 343, 512, 521
II. 18, 46, 54, 63, ?

A) 49 B) 50 C) 51 D) 52 E) 53

14. 17, 72, 37, 147, 571, ?

A) 67 B) 137 C) 227 D) 237 E) 247

15. 71, 54, 64, 56, 75, 58, 95, ?

A) 94 B) 97 C) 568 D) 457 E) 5541

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

BÖLÜM 4
CHAPTER 4
DİZİLER
SERIES
TEST - 12

1. 5, 6, 8, 12, 20, ?

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

2. $\frac{3}{2}, \frac{9}{5}, \frac{9}{4}, 3, \frac{9}{2}, ?$

- A) $\frac{18}{5}$ B) $\frac{9}{5}$ C) $\frac{9}{4}$ D) 9 E) 18

3. 3, 8, 18, 38, 78, ?

- A) 155 B) 156 C) 157 D) 158 E) 159

4. 1, 3, 8, 63, ?

- A) 3967 B) 3968 C) 3969
D) 3970 E) 3971

5. 1, 4, 5, 9, 14, 23, 37, ?

- A) 58 B) 59 C) 60 D) 61 E) 62

6. 4, 24, 40, 52, 60, ?

- A) 61 B) 62 C) 63 D) 64 E) 65

7. 7, 8, 12, 21, 37, ?

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

8. 5, 9, 21, 57, ?

- A) 168 B) 167 C) 166 D) 165 E) 164

9. I. 1, 3, 7, 15, 31
II. 2, 10, 50, 226, ?

A) 960 B) 961 C) 962 D) 963 E) 964

10. I. 3, 5, 9, 17, 33, 65
II. 2, 3, 5, 9, 17, ?

A) 37 B) 36 C) 35 D) 34 E) 33

11. 1, 8, 27, 64, ?

A) 129 B) 128 C) 127 D) 126 E) 125

12. $\frac{7}{2}, 2, 3, \frac{9}{4}, \frac{5}{2}, \frac{5}{2}, 2, \frac{11}{4}, \frac{3}{2}, 3, ?, ?$

A) $(1, \frac{13}{4})$ B) $(2, \frac{11}{4})$ C) (1, 3)
D) $(4, \frac{13}{4})$ E) $(4, \frac{11}{4})$

13. $\frac{17}{6}, \frac{8}{3}, \frac{5}{2}, \frac{7}{3}, \frac{13}{6}, 2, ?$

A) $\frac{10}{7}$ B) $\frac{9}{7}$ C) $\frac{8}{7}$ D) $\frac{9}{6}$ E) $\frac{11}{6}$

14. $\frac{3}{2}, \frac{9}{5}, \frac{9}{4}, 3, ?$

A) $\frac{18}{7}$ B) $\frac{18}{5}$ C) 9 D) $\frac{9}{2}$ E) $\frac{9}{4}$

CEVAPLAR / ANSWERS					
1-E	2-D	3-D	4-C	5-C	6-D
7-C	8-D	9C	10-E	11-E	12-A
13-E	14-D				

BÖLÜM 5

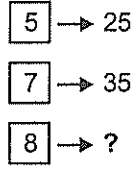
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ

NUMBER FIGURE RELATIONS

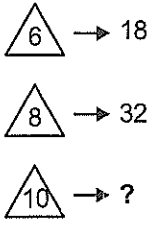
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 1
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1.



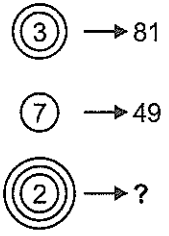
- A) 35 B) 40 C) 45 D) 50 E) 64

2.



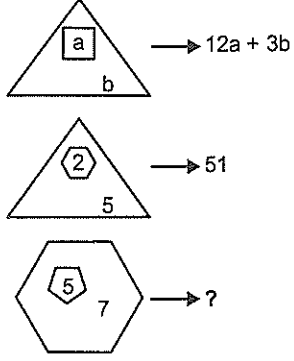
- A) 60 B) 50 C) 40 D) 30 E) 20

3.



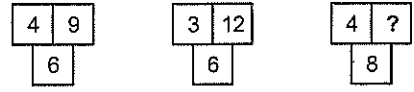
- A) 256 B) 128 C) 64 D) 32 E) 26

4.



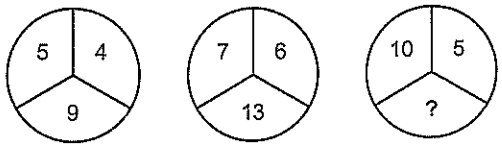
- A) 210 B) 200 C) 192 D) 182 E) 170

5.



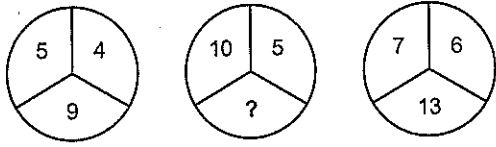
- A) 2 B) 4 C) 8 D) 12 E) 16

6.



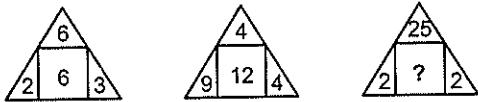
- A) 9 B) 11 C) 13 D) 15 E) 17

7.



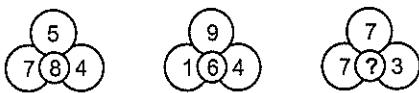
- A) 75 B) 50 C) 25 D) 14 E) 10

8.



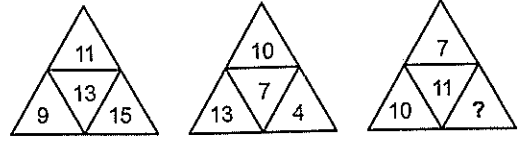
- A) 3 B) 4 C) 10 D) 16 E) 25

9.



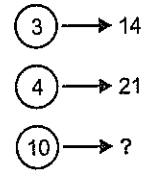
- A) 14 B) 11 C) 9 D) 8 E) 7

10.



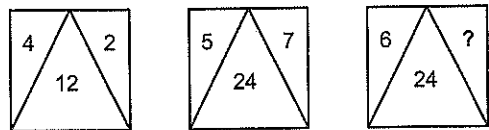
- A) 6 B) 7 C) 8 D) 9 E) 10

11.



- A) 26 B) 35 C) 45 D) 56 E) 105

12.

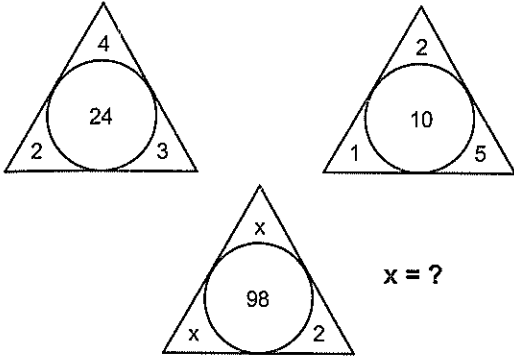


- A) 6 B) 7 C) 8 D) 9 E) 10

CEVAPLAR / ANSWERS					
1-B	2-B	3-A	4-C	5-E	6-D
7-A	8-C	9-B	10-C	11-E	12-A

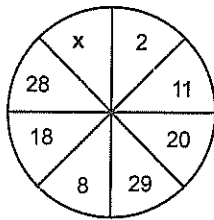
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 2
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1.



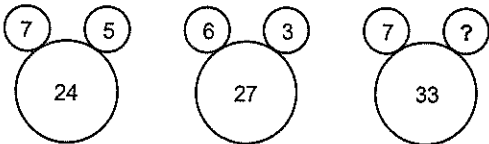
- A) 5 B) 6 C) 7 D) 8 E) 9

2.



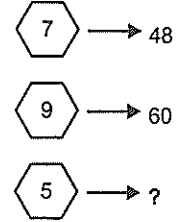
- A) 18 B) 28 C) 36 D) 37 E) 38

3.



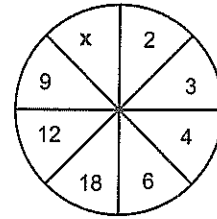
- A) 2 B) 3 C) 4 D) 5 E) 26

4.



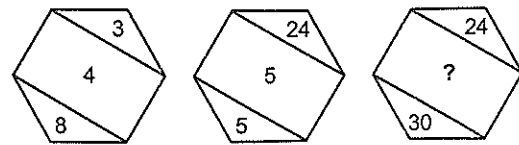
- A) 25 B) 30 C) 35 D) 40 E) 45

5.



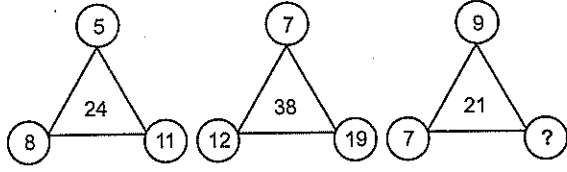
- A) 2 B) 3 C) 4 D) 6 E) 12

6.



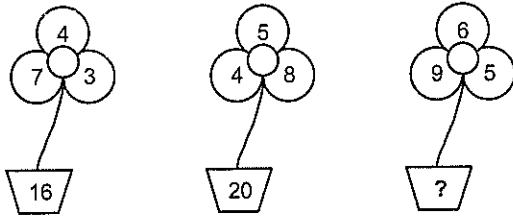
- A) 3 B) 4 C) 5 D) 6 E) 7

7.



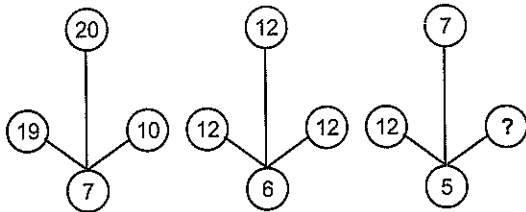
- A) 6 B) 5 C) 4 D) 3 E) 2

8.



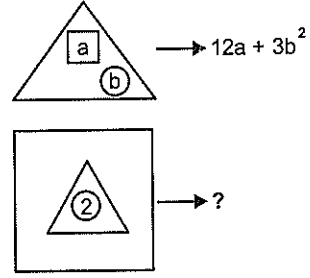
- A) 6 B) 9 C) 11 D) 13 E) 15

9.



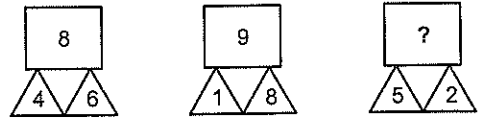
- A) 2 B) 4 C) 6 D) 8 E) 9

10.



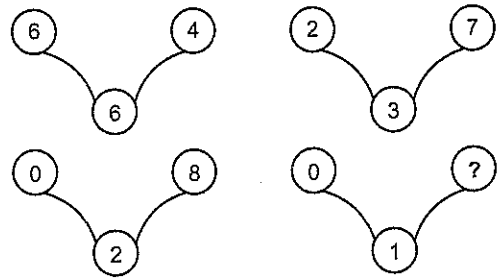
- A) 16 B) 28 C) 36 D) 48 E) 64

11.



- A) 4 B) 5 C) 6 D) 7 E) 8

12.

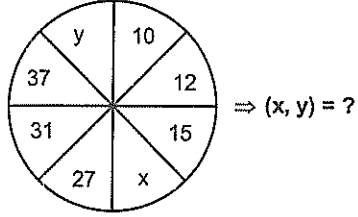


- A) 0 B) 1 C) 2 D) 3 E) 4

CEVAPLAR / ANSWERS					
1-C	2-E	3-C	4-C	5-D	6-D
7-B	8-E	9-C	10-D	11-B	12-B

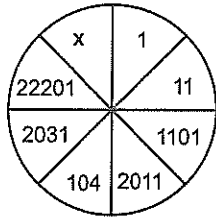
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 3
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1.



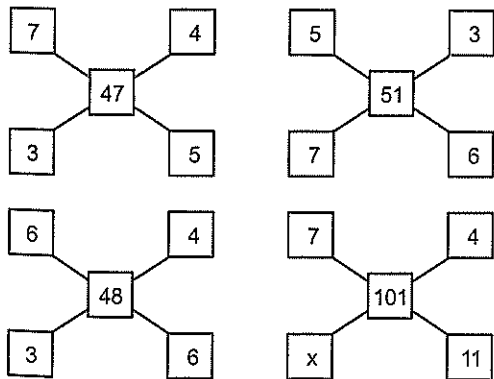
- A) (17, 43) B) (17, 45) C) (19, 43)
D) (19, 45) E) (19, 47)

2.



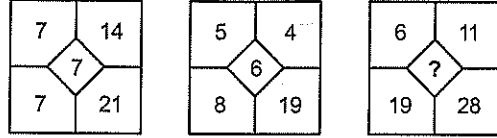
- A) 44 B) 73 C) 72 D) 23010 E) 1101101

3.



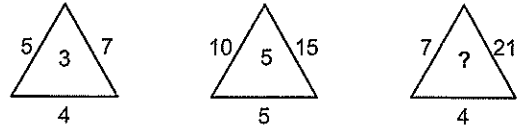
- A) 2 B) 3 C) 4 D) 6 E) 10

4.



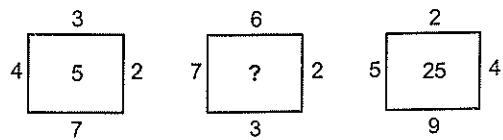
- A) 8 B) 9 C) 10 D) 11 E) 12

5.



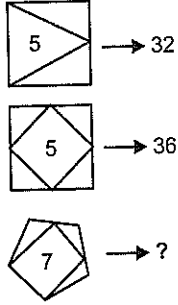
- A) 4 B) 5 C) 6 D) 7 E) 8

6.



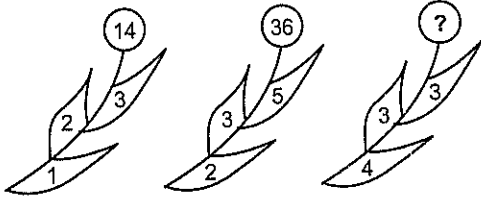
- A) 23 B) 21 C) 15 D) 9 E) 7

7.



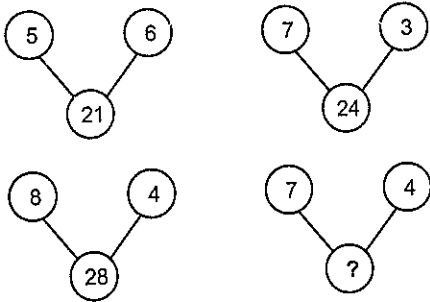
- A) 22 B) 33 C) 44 D) 55 E) 66

8.



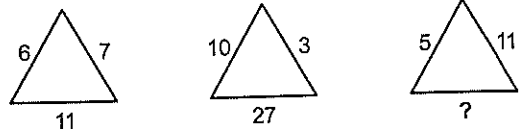
- A) 36 B) 35 C) 34 D) 32 E) 30

9.



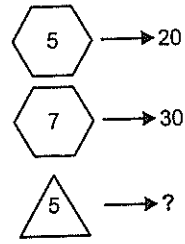
- A) 36 B) 28 C) 25 D) 21 E) 14

10.



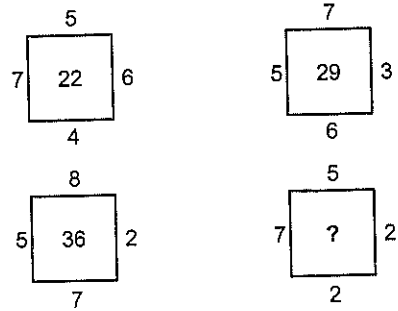
- A) 3 B) 4 C) 5 D) 6 E) 7

11.



- A) 6 B) 8 C) 10 D) 12 E) 14

12.



- A) 66 B) 64 C) 36 D) 25 E) 16

CEVAPLAR / ANSWERS

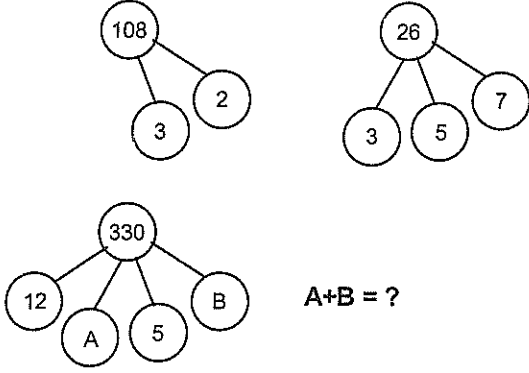
1-D	2-A	3-D	4-A	5-D	6-D
7-D	8-C	9-C	10-B	11-B	12-A

BÖLÜM 5
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS

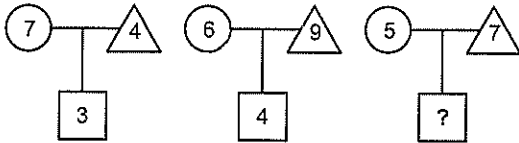
TEST - 4

1.



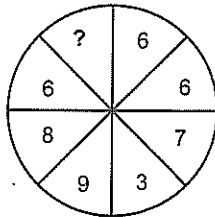
- A) 12 B) 13 C) 14 D) 15 E) 17

2.



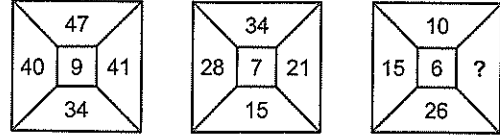
- A) 0 B) 1 C) 2 D) 3 E) 4

3.



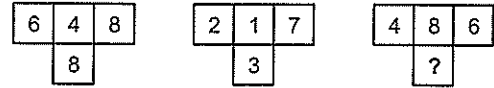
- A) 3 B) 6 C) 8 D) 9 E) 12

4.



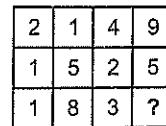
- A) 17 B) 19 C) 20 D) 21 E) 23

5.



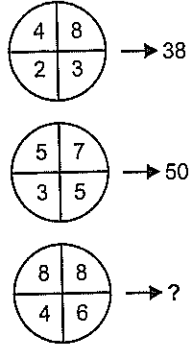
- A) 7 B) 8 C) 9 D) 10 E) 12

6.



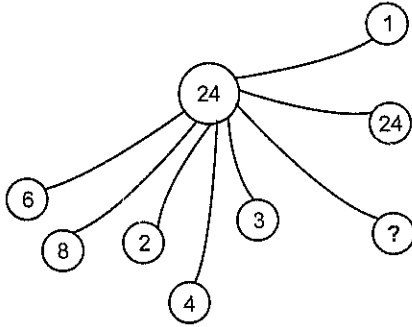
- A) 4 B) 5 C) 6 D) 7 E) 8

7.



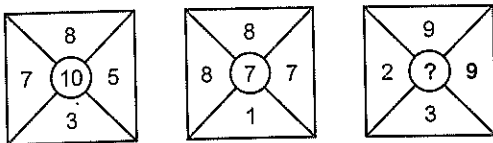
- A) 76 B) 84 C) 88 D) 92 E) 96

8.



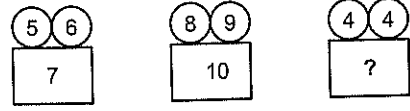
- A) 1 B) 2 C) 3 D) 6 E) 12

9.



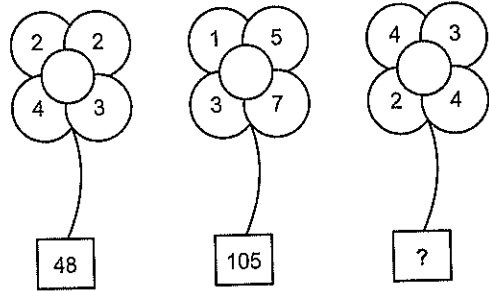
- A) 24 B) 30 C) 36 D) 42 E) 45

10.



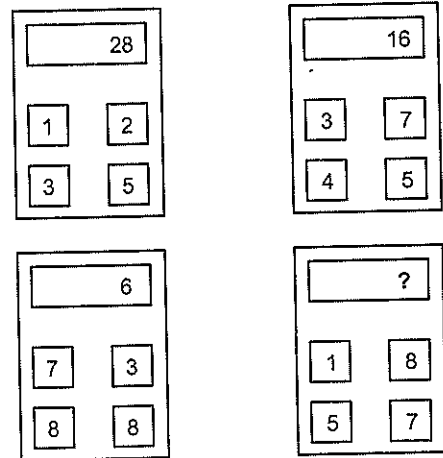
- A) 5 B) 6 C) 7 D) 8 E) 9

11.



- A) 64 B) 88 C) 90 D) 96 E) 192

12.



- A) 14 B) 28 C) 35 D) 42 E) 56

CEVAPLAR / ANSWERS

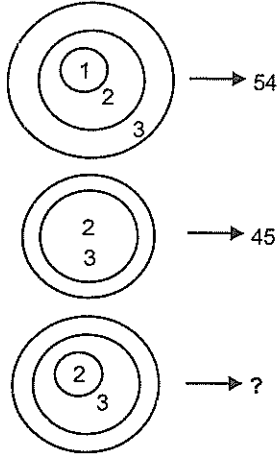
1-C	2-A	3-E	4-D	5-B	6-C
7-C	8-E	9-D	10-D	11-D	12-B

BÖLÜM 5
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS

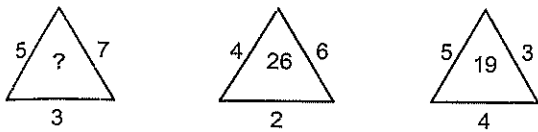
TEST - 5

1.



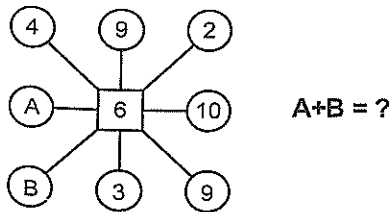
- A) 27 B) 48 C) 54 D) 72 E) 81

2.



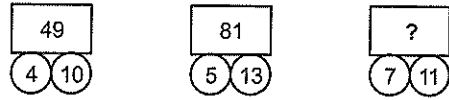
- A) 38 B) 36 C) 34 D) 30 E) 27

3.



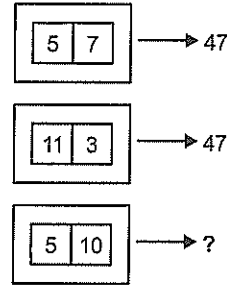
- A) 12 B) 14 C) 16 D) 18 E) 20

4.



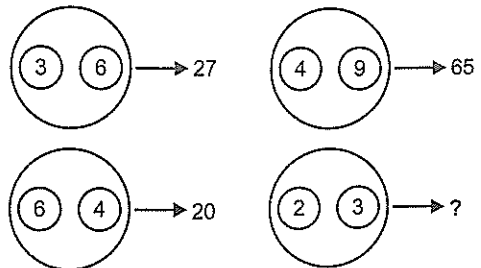
- A) 100 B) 81 C) 64 D) 49 E) 36

5.



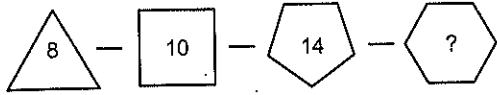
- A) 75 B) 70 C) 65 D) 60 E) 55

6.



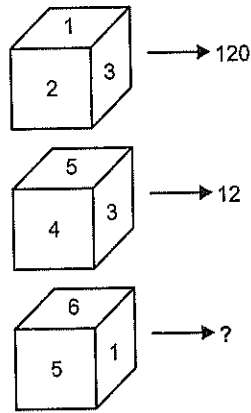
- A) 17 B) 15 C) 13 D) 10 E) 5

7.



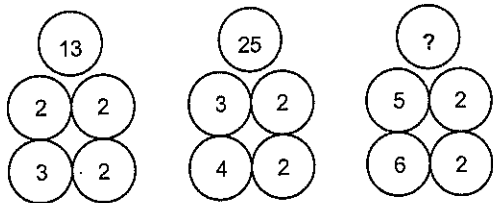
- A) 14 B) 16 C) 18 D) 20 E) 22

8.



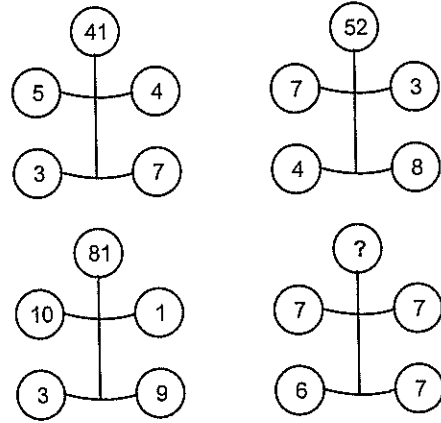
- A) 10 B) 12 C) 24 D) 30 E) 36

9.



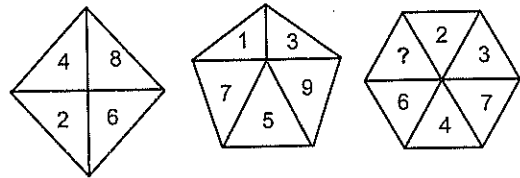
- A) 61 B) 51 C) 41 D) 31 E) 21

10.



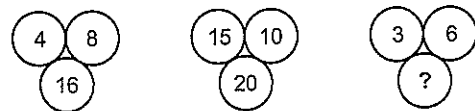
- A) 36 B) 25 C) 16 D) 13 E) 9

11.



- A) 5 B) 9 C) 7 D) 4 E) 2

12.



- A) 18 B) 12 C) 9 D) 3 E) 1

CEVAPLAR / ANSWERS

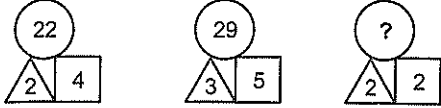
1-E	2-A	3-E	4-B	5-C	6-E
7-D	8-C	9-A	10-D	11-A	12-B

BÖLÜM 5
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS

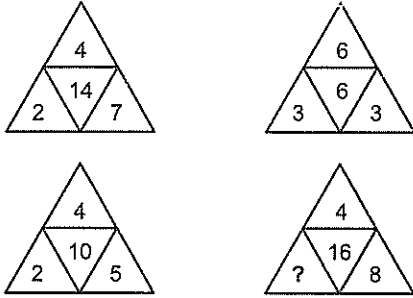
TEST - 6

1.



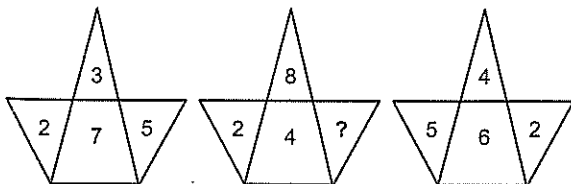
- A) 10 B) 12 C) 14 D) 16 E) 18

2.



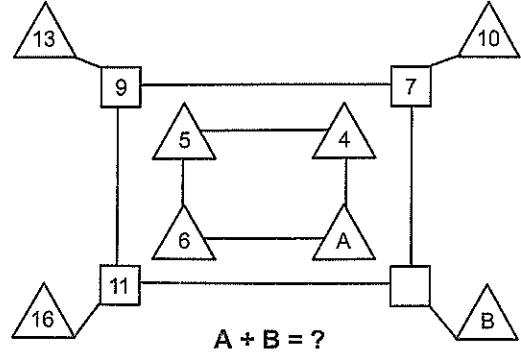
- A) 1 B) 2 C) 3 D) 4 E) 5

3.



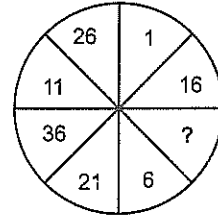
- A) 5 B) 6 C) 7 D) 8 E) 9

4.



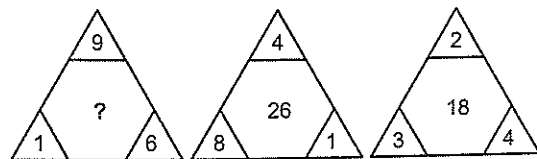
- A) 20 B) 24 C) 26 D) 28 E) 32

5.



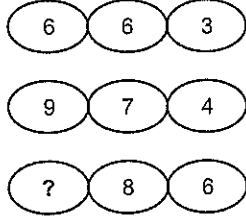
- A) 5 B) 21 C) 31 D) 41 E) 51

6.



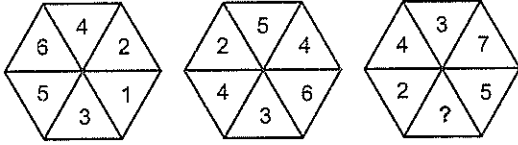
- A) 24 B) 26 C) 28 D) 30 E) 32

7.



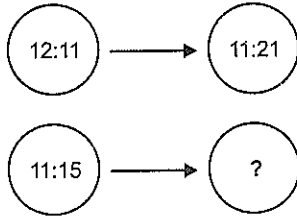
- A) 4 B) 6 C) 8 D) 10 E) 12

8.



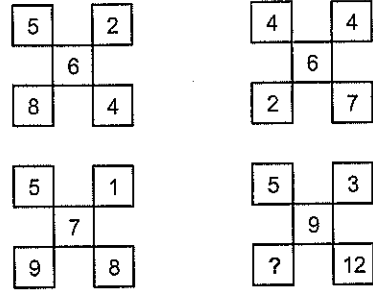
- A) 6 B) 5 C) 4 D) 3 E) 2

9.



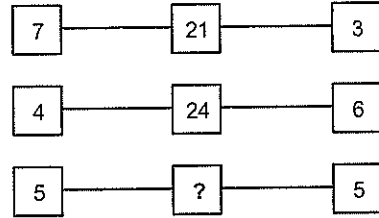
- A) 11:15 B) 11:51 C) 15:11
D) 51:11 E) 15:51

10.



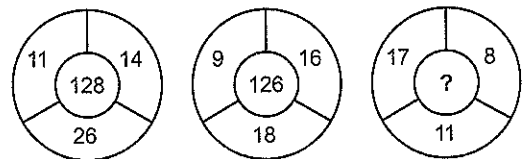
- A) 5 B) 6 C) 7 D) 8 E) 9

11.



- A) 24 B) 25 C) 30 D) 36 E) 49

12.



- A) 130 B) 127 C) 125 D) 123 E) 121

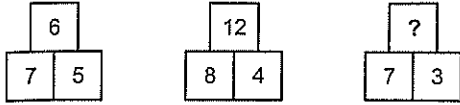
CEVAPLAR / ANSWERS					
1-C	2-B	3-B	4-C	5-C	6-D
7-A	8-A	9-D	10-C	11-B	12-C

BÖLÜM 5
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS

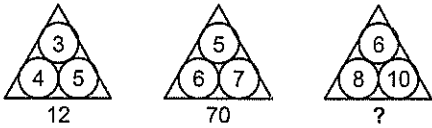
TEST - 7

1.



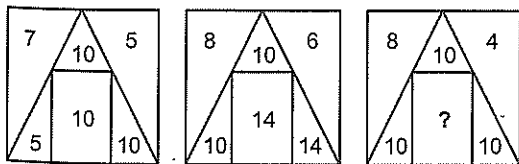
- A) 5 B) 10 C) 12 D) 14 E) 15

2.



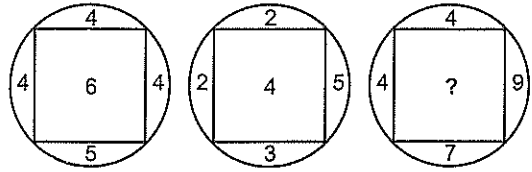
- A) 160 B) 140 C) 120 D) 100 E) 96

3.



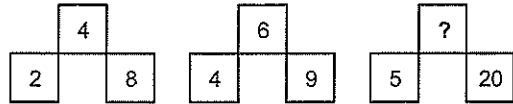
- A) 1 B) 2 C) 3 D) 4 E) 5

4.



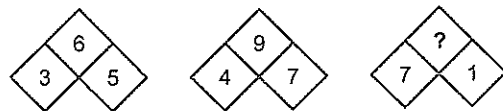
- A) 6 B) 7 C) 8 D) 9 E) 10

5.



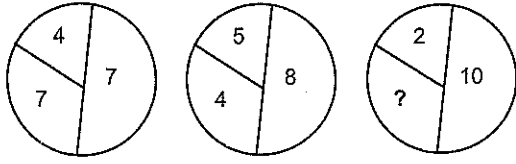
- A) 5 B) 7 C) 10 D) 12 E) 20

6.



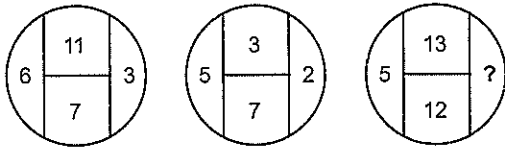
- A) 18 B) 15 C) 12 D) 10 E) 9

7.



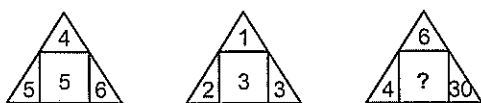
- A) 0 B) 1 C) 2 D) 3 E) 4

8.



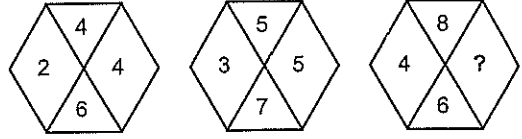
- A) 5 B) 4 C) 3 D) 2 E) 1

9.



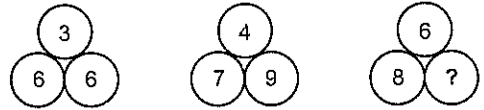
- A) 5 B) 6 C) 7 D) 8 E) 9

10.



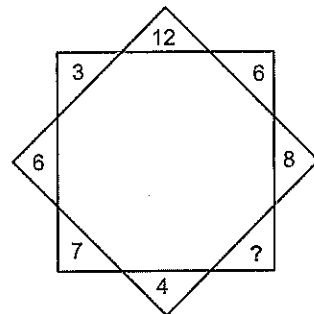
- A) 8 B) 7 C) 6 D) 5 E) 4

11.



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

12.



- A) 10 B) 11 C) 12 D) 13 E) 14

CEVAPLAR / ANSWERS

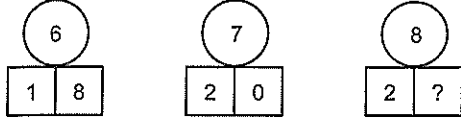
1-B	2-A	3-B	4-C	5-C	6-A
7-D	8-A	9-B	10-A	11-D	12-E

BÖLÜM 5
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS

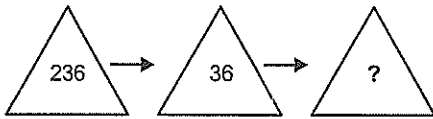
TEST - 8

1.



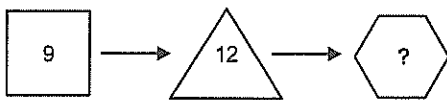
- A) 0 B) 1 C) 2 D) 3 E) 4

2.



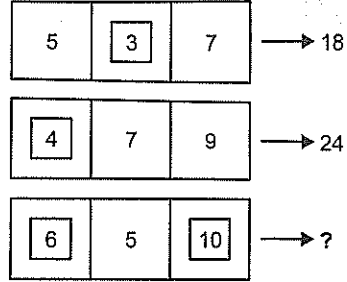
- A) 9 B) 12 C) 18 D) 24 E) 36

3.



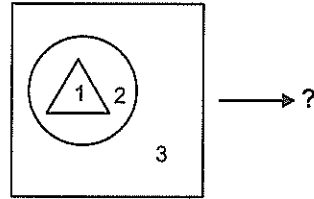
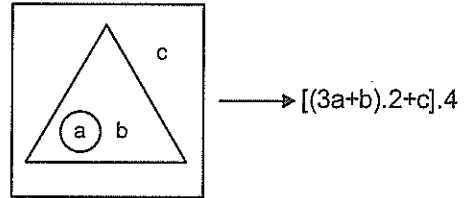
- A) 5 B) 6 C) 7 D) 8 E) 9

4.



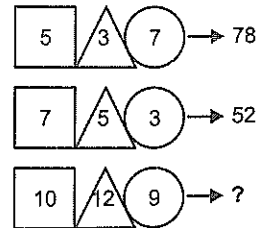
- A) 30 B) 34 C) 36 D) 37 E) 39

5.



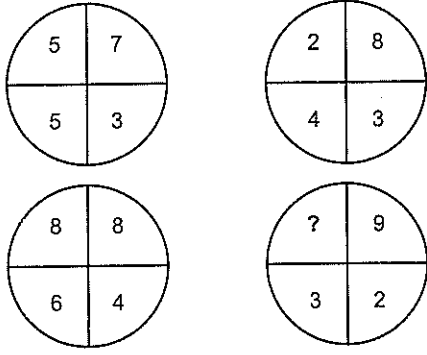
- A) 12 B) 24 C) 36 D) 48 E) 60

6.



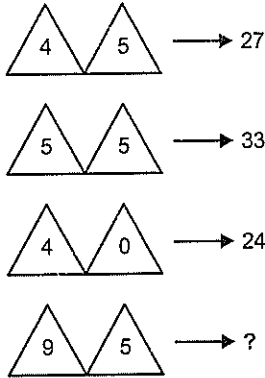
- A) 83 B) 93 C) 108 D) 157 E) 175

7.



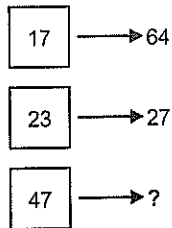
- A) 5 B) 6 C) 7 D) 8 E) 9

8.



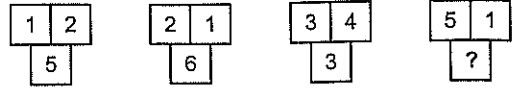
- A) 35 B) 40 C) 45 D) 57 E) 60

9.



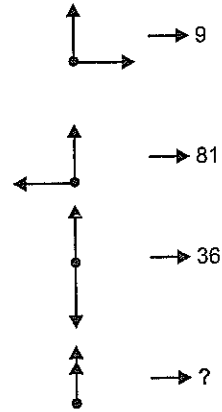
- A) 32 B) 45 C) 40 D) 46 E) 47

10.



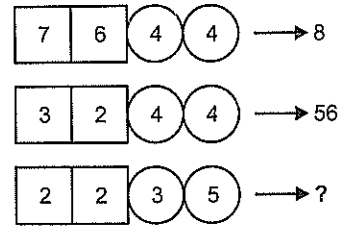
- A) 1 B) 2 C) 3 D) 4 E) 5

11.



- A) 81 B) 100 C) 121 D) 144 E) 169

12.

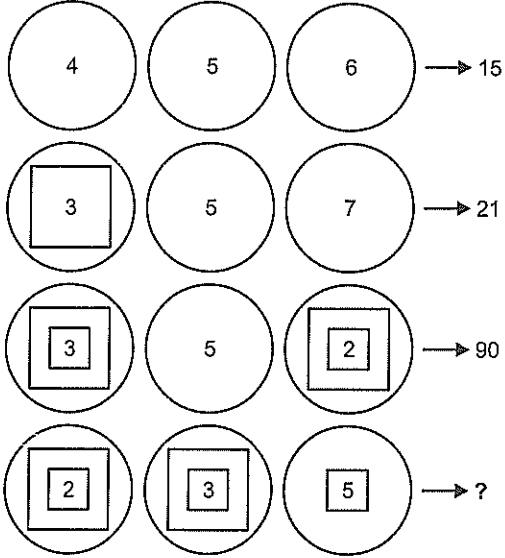


- A) 46 B) 50 C) 52 D) 58 E) 60

CEVAPLAR / ANSWERS					
1-C	2-C	3-B	4-D	5-E	6-D
7-C	8-D	9-D	10-B	11-D	12-D

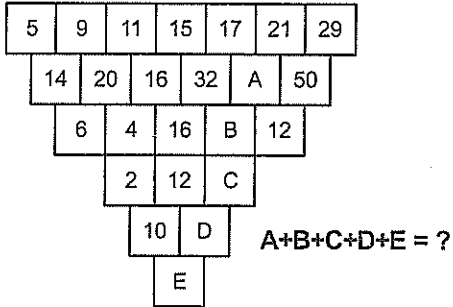
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 9
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1.



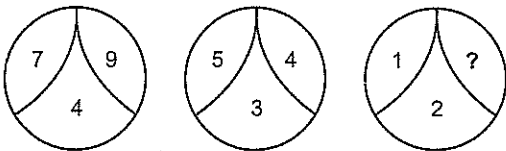
- A) 132 B) 122 C) 112 D) 102 E) 92

2.



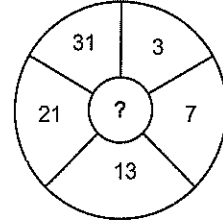
- A) 74 B) 64 C) 52 D) 42 E) 32

3.



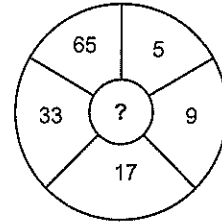
- A) 1 B) 2 C) 3 D) 4 E) 5

4.



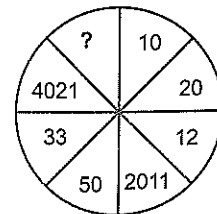
- A) 75 B) 73 C) 72 D) 70 E) 105

5.



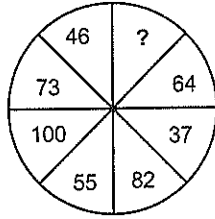
- A) 143 B) 139 D) 135 D) 130 E) 129

6.



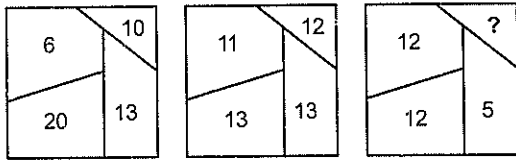
- A) 40 B) 43 C) 51 D) 56 E) 71

7.



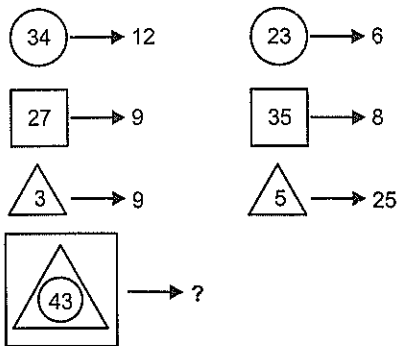
- A) 3720 B) 20 C) 1009 D) 551 E) 1001

8.



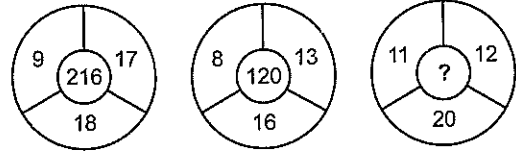
- A) 20 B) 21 C) 22 D) 23 E) 24

9.



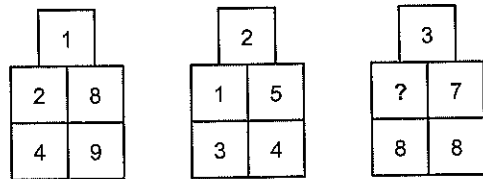
- A) 11 B) 10 C) 9 D) 8 E) 7

10.



- A) 144 B) 120 C) 93 D) 62 E) 31

11.



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

12.



- A) 64 B) 67 C) 70 D) 73 E) 77

CEVAPLAR / ANSWERS

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

BÖLÜM 5
CHAPTER 5
SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS
TEST - 10

1.

7	4	3	77
1	5	6	21
3	0	8	38
4	0	7	?

- A) 37 B) 47 C) 57 D) 67 E) 77

3.

7	6	3	18
8	4	3	32
7	9	5	105
12	4	1	?

- A) 14 B) 16 C) 24 D) 26 E) 36

2.

74	46
87	31
48	16
56	?

- A) 40 B) 36 C) 30 D) 26 E) 20

4.

46	X	8
86	X	32
94	X	18
34	X	?

- A) 0 B) 2 C) 4 D) 6 E) 8

5.

47	13	81
44	42	46
36	34	?

- A) 32 B) 34 C) 36 D) 38 E) 42

6.

47	13	25
44	42	8
36	34	6
44	21	?

- A) 12 B) 14 C) 16 D) 18 E) 20

7.

47	13	84
44	42	128
36	34	216
42	42	?

- A) 24 B) 36 C) 48 D) 64 E) 88

8.

5	6	42
8	4	27
9	2	30
8	5	?

- A) 40 B) 44 C) 48 D) 54 E) 60

CEVAPLAR / ANSWERS

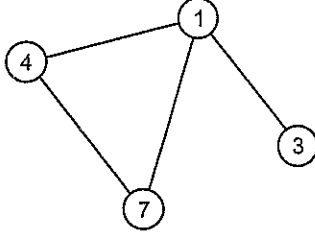
1-B	2-D	3-B	4-B	5-D	6-B
7-D	8-D				

BÖLÜM 5
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS

TEST - 11

ÖRNEK:



Sonuç:

$$4 = (1+7) = 8$$

$$1 = (4+7+3) = 14$$

$$3 = (1) = 1$$

$$7 = (4+1) = 5$$

Sonuç:

$$4 = 8$$

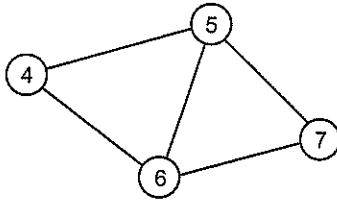
$$1 = 14$$

$$3 = 1$$

$$7 = 5$$

1.-4. soruları yukarıdaki bilgilerle çözünüz.

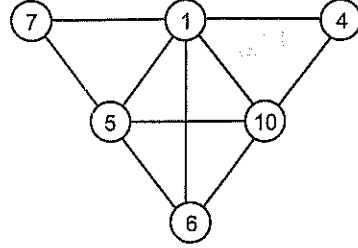
1.



$$5 = ?$$

- A) 10 B) 11 C) 13 D) 15 E) 17

2.

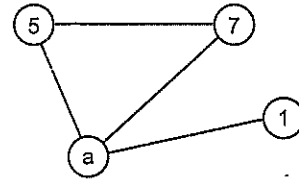


$$6 = x, 10 = y, 4 = z$$

$$x + y - z = ?$$

- A) 11 B) 13 C) 21 D) 24 E) 27

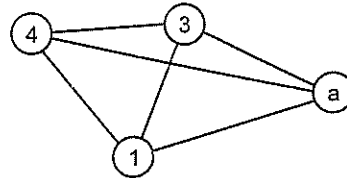
3.



$$7 = 12 \Rightarrow a = ?$$

- A) 9 B) 10 C) 11 D) 12 E) 13

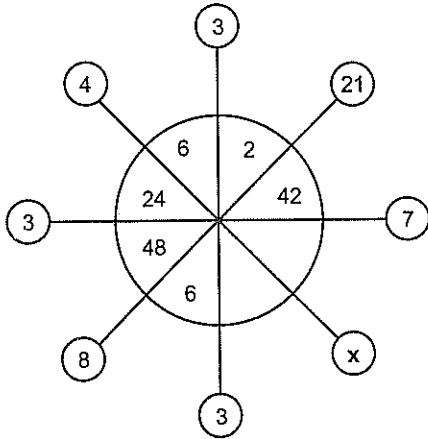
4.



$$4 = 9 \Rightarrow a = ?$$

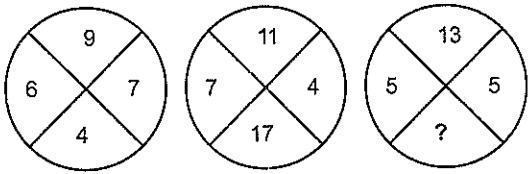
- A) 1 B) 2 C) 3 D) 4 E) 5

5.



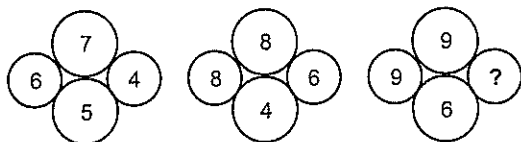
- A) 3 B) 4 C) 5 D) 6 E) 7

6.



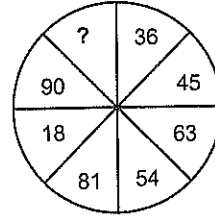
- A) 10 B) 11 C) 12 D) 13 E) 14

7.



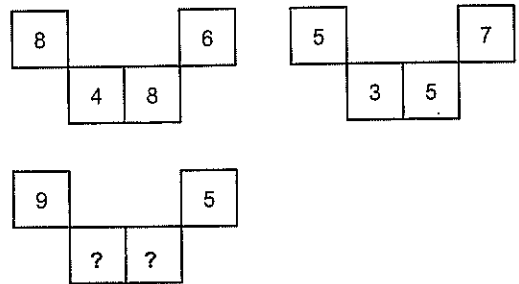
- A) 3 B) 4 C) 5 D) 6 E) 7

8.



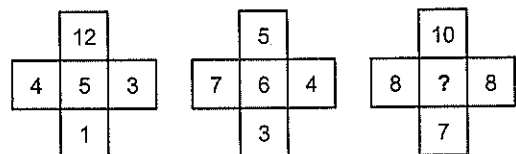
- A) 117 B) 83 C) 24 D) 30 E) 60

9.



- A) 12 B) 14 C) 15 D) 30 E) 45

10.

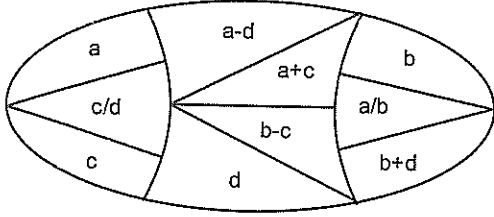


- A) 7 B) 8 C) 9 D) 10 E) 11

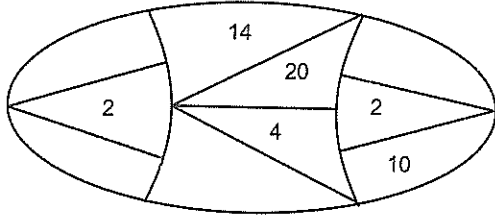
CEVAPLAR / ANSWERS					
1-E	2-E	3-E	4-E	5-A	6-C
7-C	8-A	9-E	10-C		

BÖLÜM 5
CHAPTER 5
SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS
TEST - 12

1. ve 2. soruları aşağıdaki şekle göre cevaplayınız.

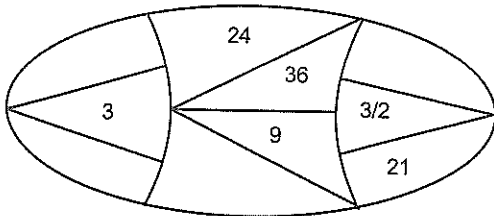


1.


 $a \cdot d = ?$

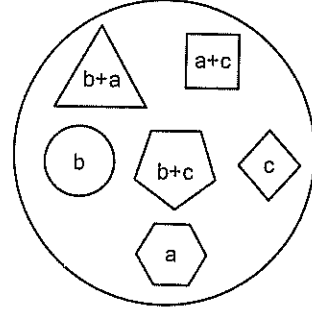
- A) 2 B) 4 C) 8 D) 16 E) 32

2.

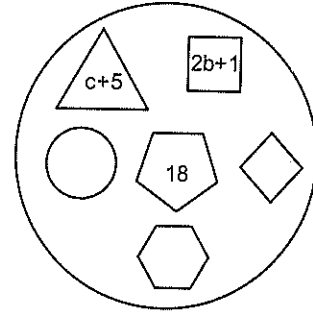

 $d = ?$

- A) 1 B) 3 C) 6 D) 9 E) 18

3. ve 4. soruları aşağıdaki şekle göre cevaplayınız.

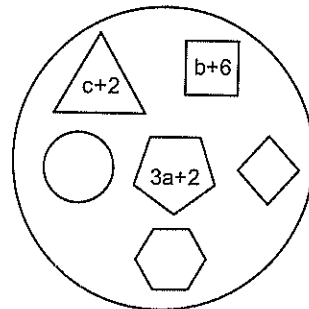


3.


 $c = ?$

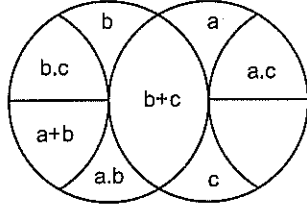
- A) 10 B) 9 C) 8 D) 7 E) 6

4.

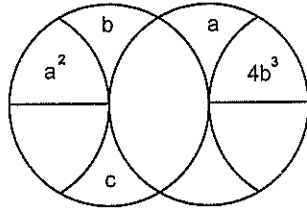

 $b = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

5. ve 6. soruları aşağıdaki şekle göre cevaplayınız.



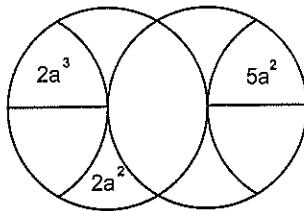
5.



$b = ?$

- A) 1 B) 2 C) 3 D) 4 E) 8

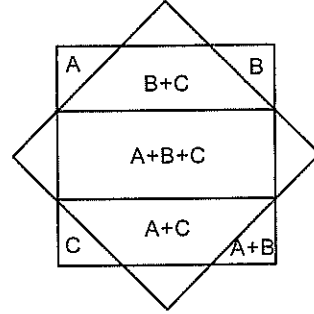
6.



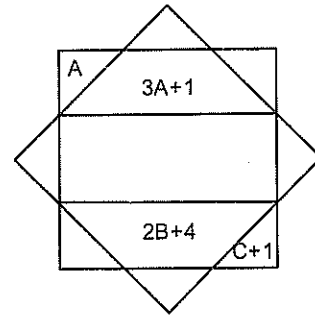
$a = ?$

- A) 3 B) 5 C) 7 D) 10 E) 15

7. soruyu aşağıdaki şekle göre cevaplayınız.



7.



$A = ?$

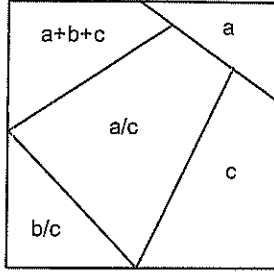
- A) 3 B) 4 C) 6 D) 8 E) 12

CEVAPLAR / ANSWERS

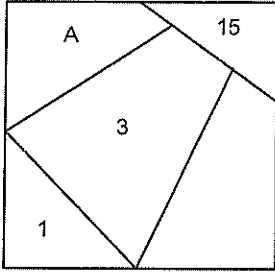
1-E	2-B	3-A	4-C	5-B	6-B
7-C					

BÖLÜM 5
CHAPTER 5
SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS
TEST - 13

1. ve 5. soruları aşağıdaki şekle göre cevaplayınız.

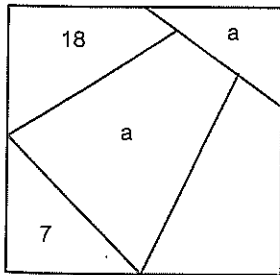


1.

 $\Rightarrow A = ?$

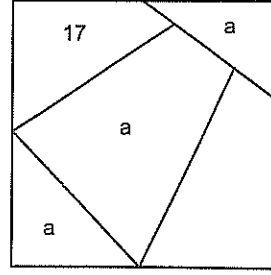
- A) 15 B) 20 C) 25 D) 30 E) 35

2.

 $\Rightarrow a = ?$

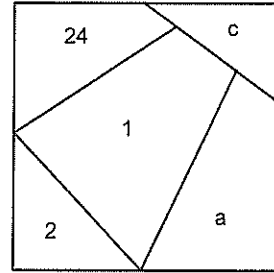
- A) 6 B) 7 C) 8 D) 9 E) 10

3.

 $\Rightarrow b = ?$

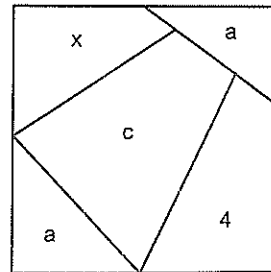
- A) 10 B) 9 C) 8 D) 7 E) 6

4.

 $\Rightarrow c = ?$

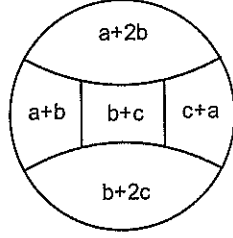
- A) 4 B) 8 C) 10 D) 12 E) 16

5.

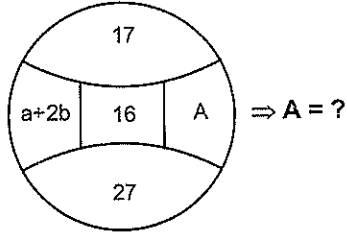
 $\Rightarrow x = ?$

- A) 64 B) 68 C) 80 D) 84 E) 85

6. ve 8. soruları aşağıdaki şekle göre cevaplayınız.

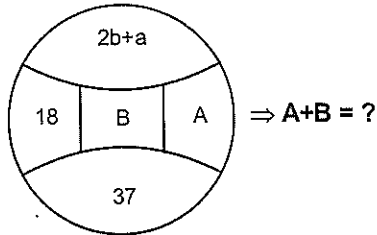


6.



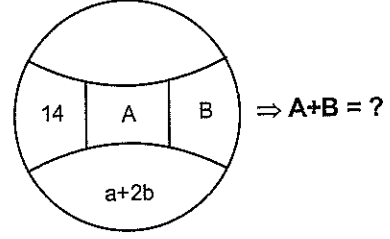
- A) 30 B) 27 C) 21 D) 19 E) 17

7.



- A) 56 B) 53 C) 46 D) 43 E) 33

8.



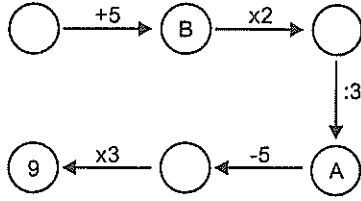
- A) 35 B) 28 C) 21 D) 14 E) 7

CEVAPLAR / ANSWERS

1-C	2-E	3-C	4-D	5-D	6-D
7-C	8-B				

BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 14
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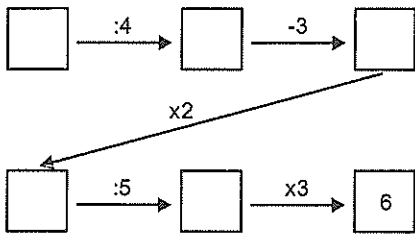
1.



$A + B = ?$

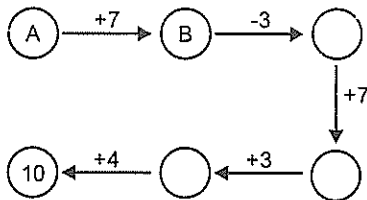
- A) 12 B) 14 C) 18 D) 20 E) 24

2.



- A) 32 B) 26 C) 24 D) 18 E) 16

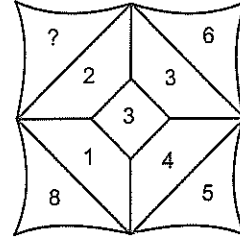
3.



$A = ?$

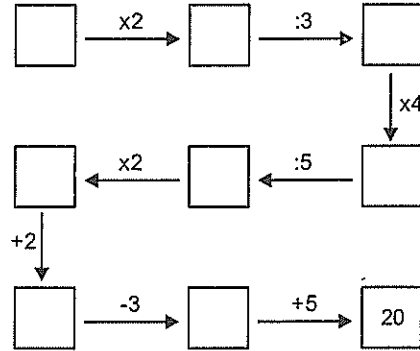
- A) -10 B) -8 C) -6 D) -4 E) -1

4.



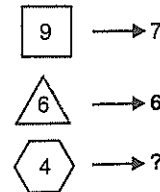
- A) 3 B) 4 C) 5 D) 6 E) 7

5.



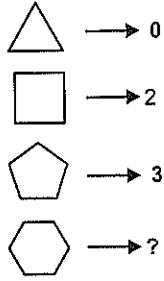
- A) 20 B) 18 C) 15 D) 13 E) 11

6.



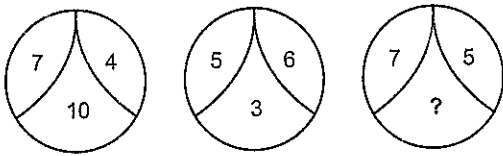
- A) 4 B) 5 C) 6 D) 7 E) 8

7.



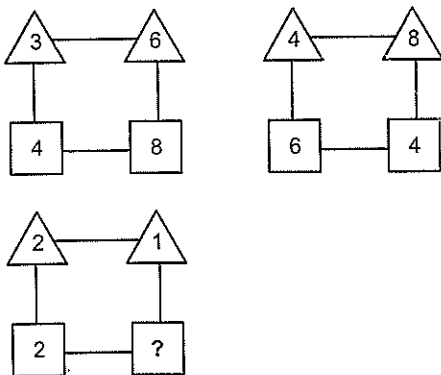
- A) 1 B) 2 C) 3 D) 4 E) 5

8.



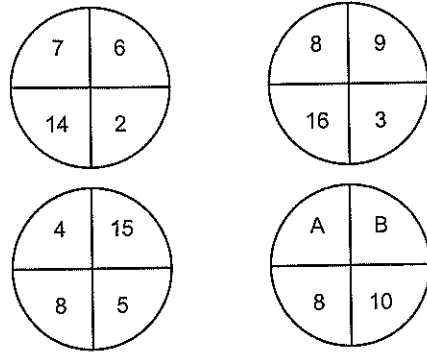
- A) 7 B) 8 C) 9 D) 10 E) 11

9.



- A) 5 B) 6 C) 7 D) 8 E) 9

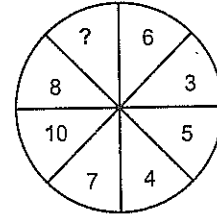
10.



$B - A = ?$

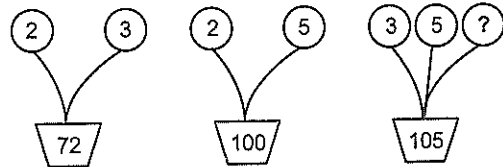
- A) 15 B) 20 C) 26 D) 30 E) 35

11.



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

12.



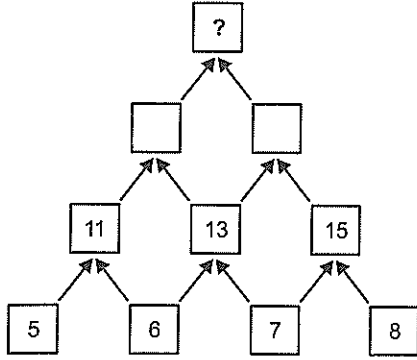
- A) 6 B) 7 C) 8 D) 9 E) 10

CEVAPLAR / ANSWERS

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

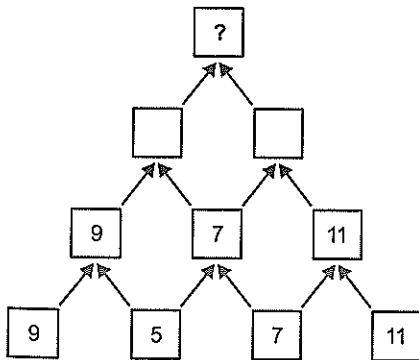
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 15
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1.



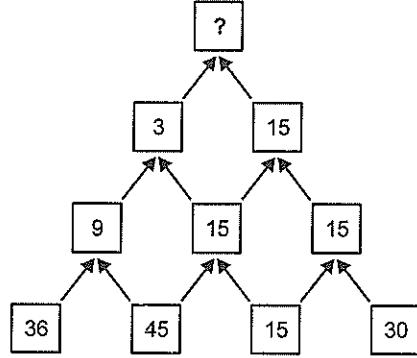
- A) B) C)
 D) E)

2.



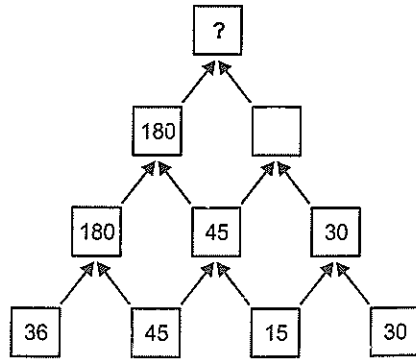
- A) B) C)
 D) E)

3.



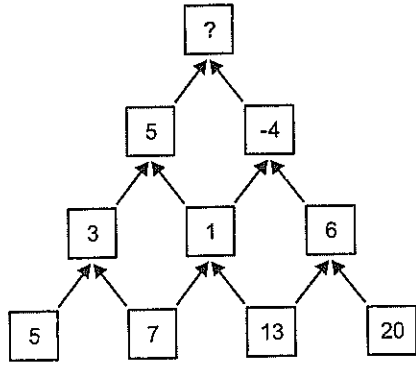
- A) B) C)
 D) E)

4.



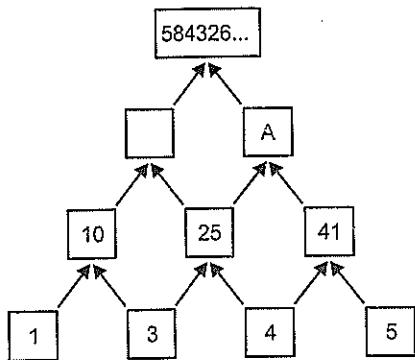
- A) B) C)
 D) E)

5.



- A) B) C)
 D) E)

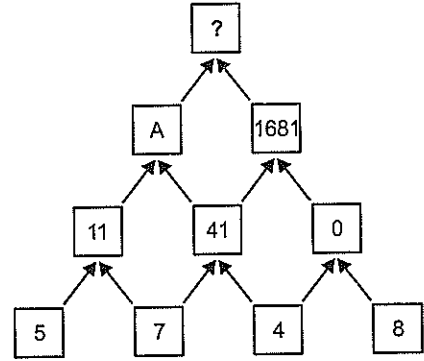
6.



A = ?

- A) B) C)
 D) E)

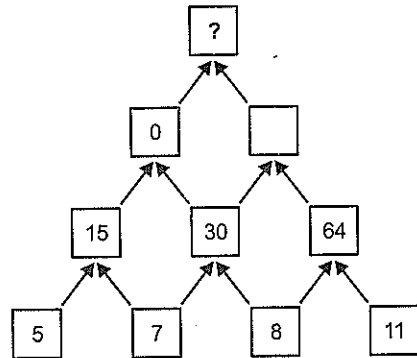
7.



A = ?

- A) B) C)
 D) E)

8.

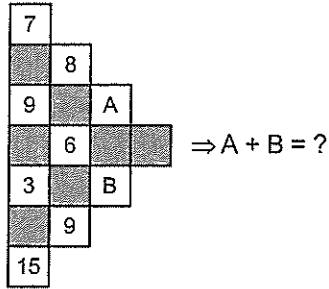


- A) B) C)
 D) E)

CEVAPLAR / ANSWERS					
1-D	2-D	3-B	4-D	5-E	6-E
7-A	8-A				

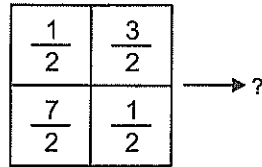
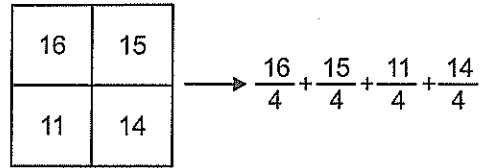
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 16
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1.



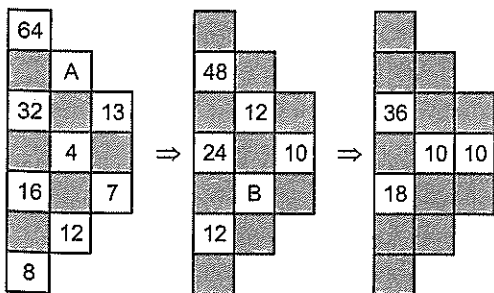
- A) $\frac{21}{2}$ B) $\frac{27}{2}$ C) $\frac{29}{2}$ D) $\frac{31}{2}$ E) $\frac{33}{2}$

3.



- A) $\frac{7}{8}$ B) $\frac{11}{8}$ C) $\frac{13}{8}$ D) $\frac{4}{3}$ E) $\frac{3}{2}$

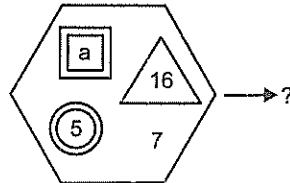
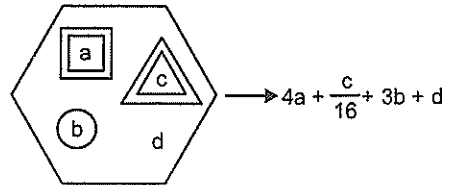
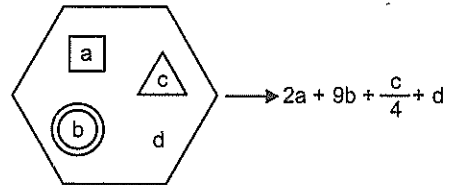
2.



A + B = ?

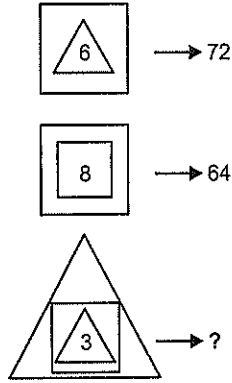
- A) 28 B) 26 C) 24 D) 22 E) 20

4.



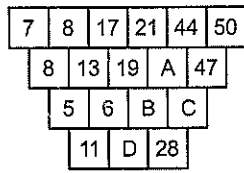
- A) 70 B) 72 C) 76 D) 78 E) 80

5.



- A) 60 B) 72 C) 88 D) 96 E) 108

6.



$A + B + C + D = ?$

- A) 58 B) 50 C) 44 D) 40 E) 36

7. $5 \rightarrow 3$

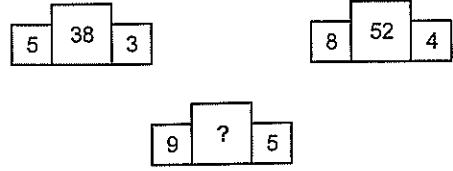
$4 \rightarrow 4$

$6 \rightarrow 4$

$9 \rightarrow ?$

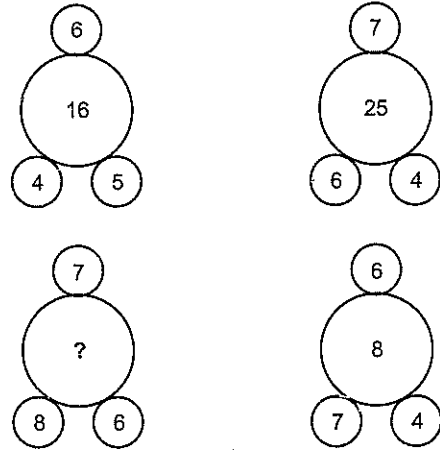
- A) 1 B) 2 C) 3 D) 4 E) 5

8.



- A) 45 B) 50 C) 53 D) 57 E) 60

9.



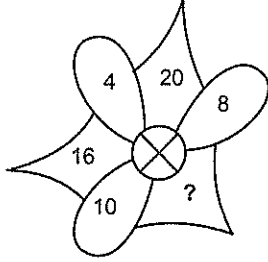
- A) 1 B) 5 C) 9 D) 16 E) 25

CEVAPLAR / ANSWERS

1-C	2-A	3-E	4-E	5-E	6-A
7-E	8-B	9-A			

BÖLÜM 5
CHAPTER 5
SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS
TEST - 17

1.



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

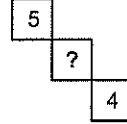
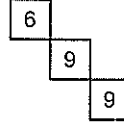
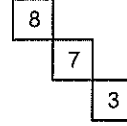
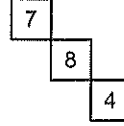
2. $\square + \square = 30$
 $2.\square + \Delta.o = 40$
 $\Delta + o.\square = 77$
 $o + \square + \Delta = ?$

- A) 15 B) 17 C) 20 D) 22 E) 24

3. $1 = 5$
 $6 = 7$
 $9 = 10$
 $5 = ?$

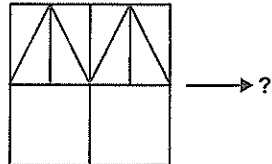
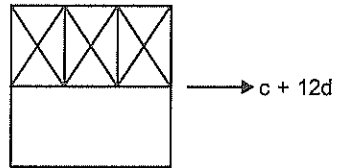
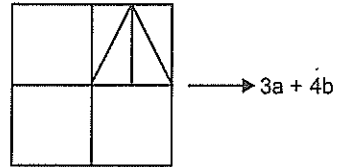
- A) 1 B) 4 C) 5 D) 7 E) 10

4.



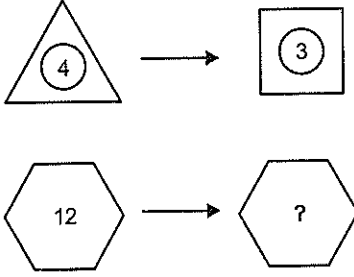
- A) 6 B) 7 C) 8 D) 9 E) 10

5.



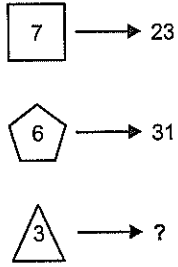
- A) $a + b + 4c$ B) $c + 4d + 2b$
C) $2b + 4a + 4d$ D) $2a + 8b$
E) $2b + 4a + 4c$

6.



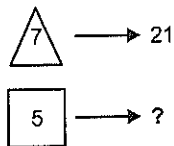
- A) 6 B) 7 C) 8 D) 9 E) 12

7.



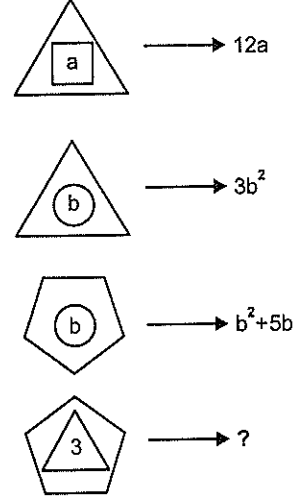
- A) 9 B) 10 C) 12 D) 15 E) 21

8.



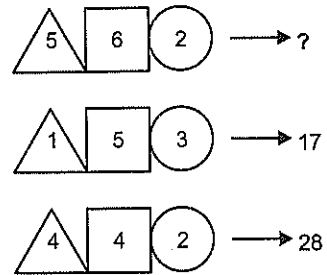
- A) 15 B) 16 C) 18 D) 20 E) 21

9.



- A) 15 B) 20 C) 24 D) 36 E) 81

10.

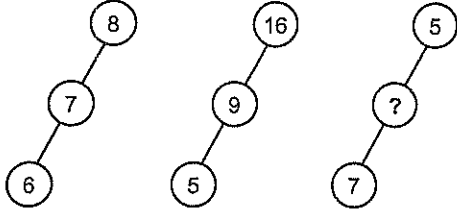


- A) 47 B) 53 C) 57 D) 65 E) 67

CEVAPLAR / ANSWERS					
1-A	2-D	3-A	4-B	5-D	6-D
7-C	8-D	9-C	10-C		

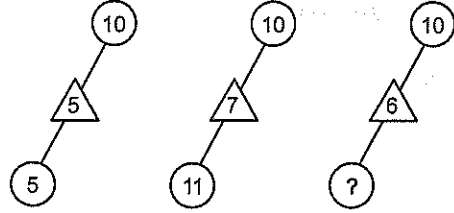
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 18
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1.



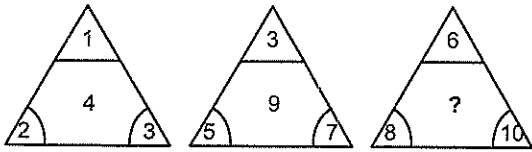
- A) 4 B) 5 C) 6 D) 7 E) 8

4.



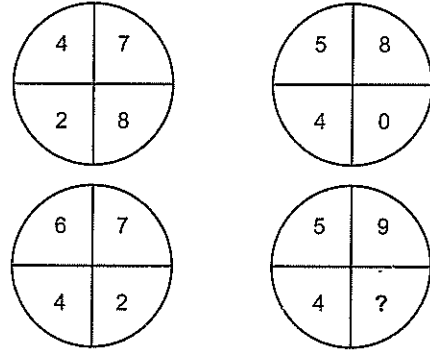
- A) 4 B) 5 C) 6 D) 7 E) 8

2.



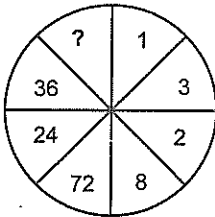
- A) 6 B) 8 C) 10 D) 12 E) 14

5.



- A) 3 B) 4 C) 5 D) 6 E) 7

3.

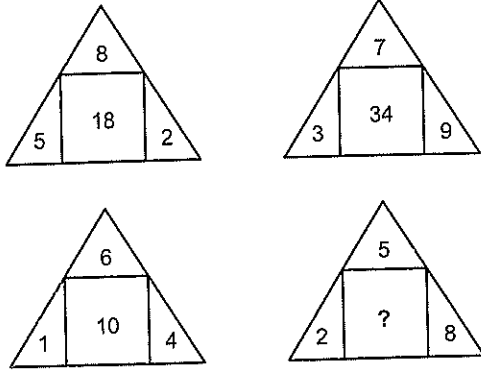


- A) 5 B) 6 C) 7 D) 8 E) 9

6. 111 → 37
211 → 65
122 → 101
223 → ?

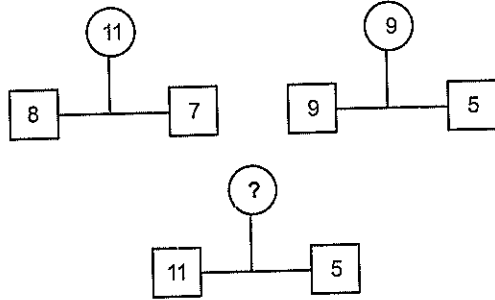
- A) 197 B) 195 C) 190 D) 201 E) 203

7.



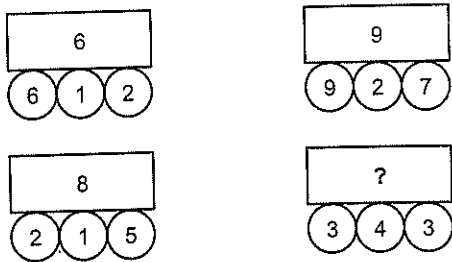
- A) 11 B) 17 C) 21 D) 27 E) 31

8.



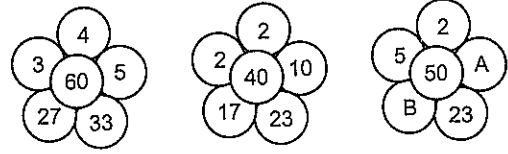
- A) 12 B) 11 C) 10 D) 9 E) 8

9.



- A) 4 B) 5 C) 6 D) 7 E) 8

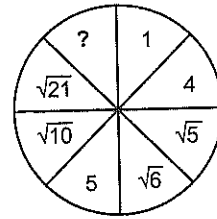
10.



A + B = ?

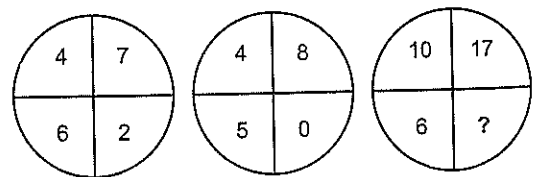
- A) 27 B) 31 C) 32 D) 37 E) 43

11.



- A) $2\sqrt{5}$ B) $2\sqrt{3}$ C) 2 D) 4 E) 8

12.

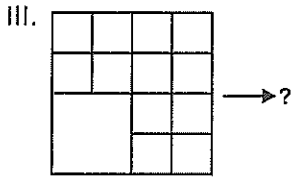
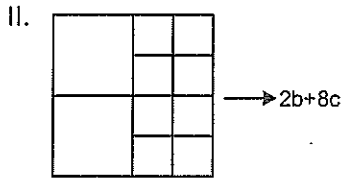
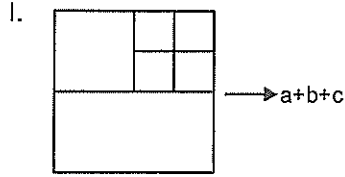


- A) 0 B) 1 C) 2 D) 3 E) 4

CEVAPLAR / ANSWERS					
1-C	2-D	3-E	4-E	5-C	6-A
7-C	8-C	9-D	10-C	11-A	12-C

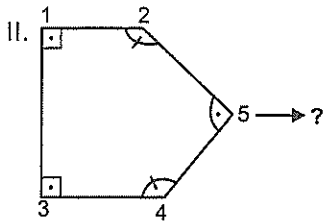
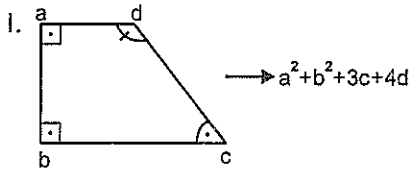
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 19
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1.



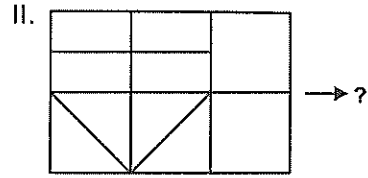
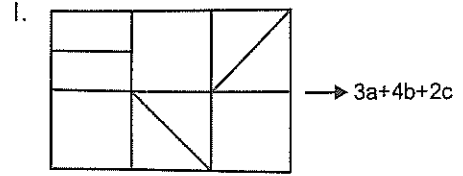
- A) $a + 2b + c$ B) $a + b + c$
 C) $2b + 12c$ D) $b + 12c$
 E) $b + 16c$

2.



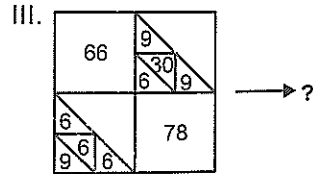
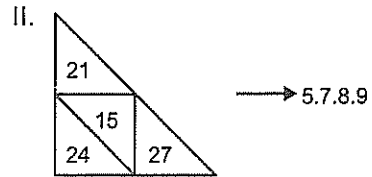
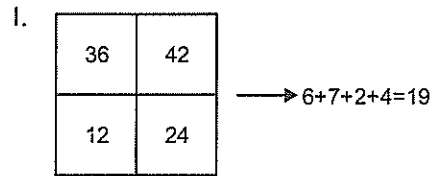
- A) 33 B) 41 C) 43 D) 47 E) 49

3.



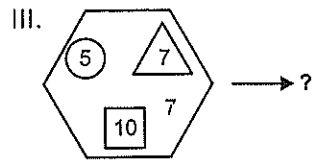
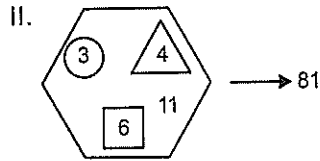
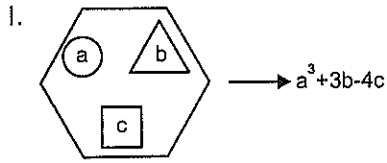
- A) $2a + 4b + 4c$ B) $a + b + 8c$
 C) $2a + b + 8c$ D) $2a + 4b + 8c$
 E) $2a + 6b + 6c$

4.



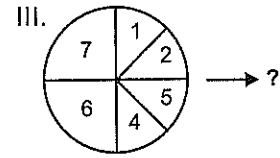
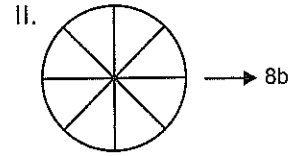
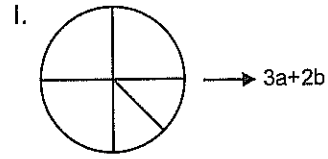
- A) 52 B) 54 C) 56 D) 58 E) 60

5.



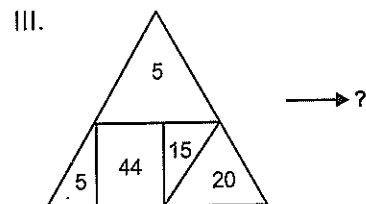
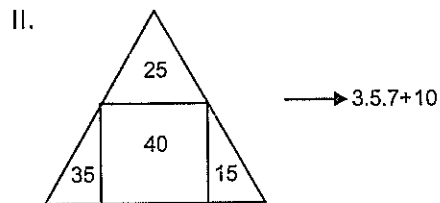
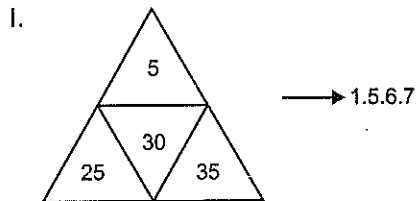
- A) 120 B) 128 C) 140 D) 148 E) 150

7.



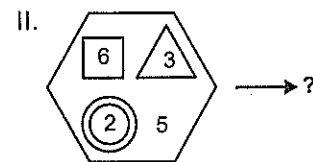
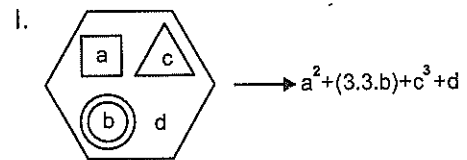
- A) 63 B) 64 C) 65 D) 66 E) 67

6.



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

8.



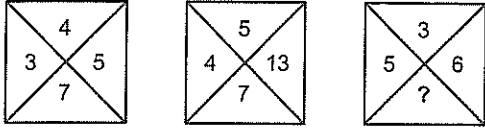
- A) 86 B) 83 C) 80 D) 77 E) 74

CEVAPLAR / ANSWERS

1-D	2-E	3-A	4-D	5-D	6-D
7-A	8-A				

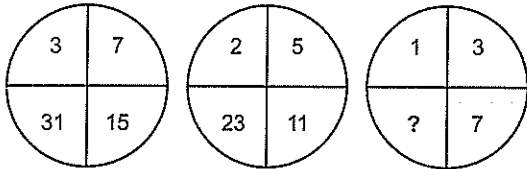
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 20
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1.



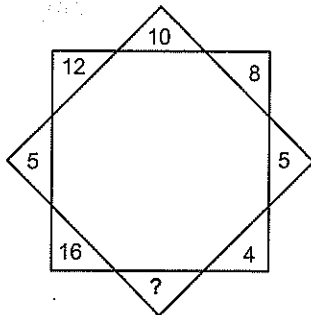
- A) 6 B) 7 C) 8 D) 9 E) 12

2.



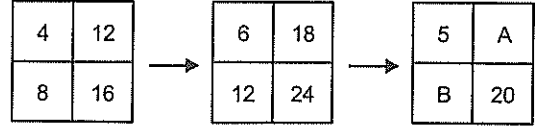
- A) 11 B) 13 C) 15 D) 17 E) 19

3.



- A) 12 B) 15 C) 17 D) 20 E) 24

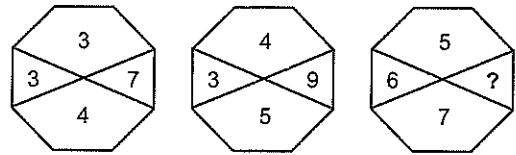
4.



$\Rightarrow A + B = ?$

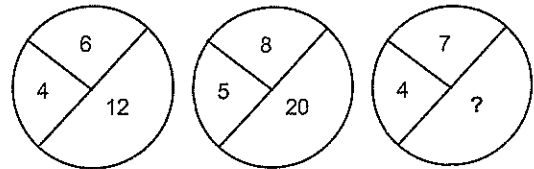
- A) 20 B) 25 C) 30 D) 35 E) 40

5.



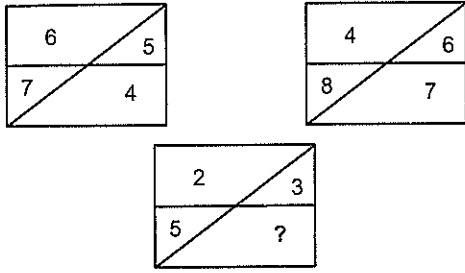
- A) 5 B) 6 C) 7 D) 8 E) 9

6.



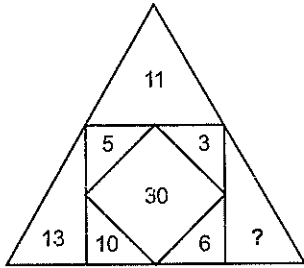
- A) 12 B) 13 C) 14 D) 15 E) 16

7.



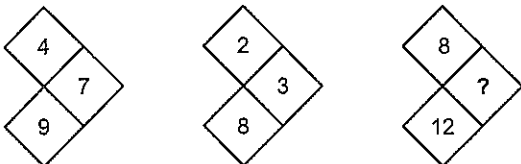
- A) 5 B) 6 C) 7 D) 8 E) 9

8.



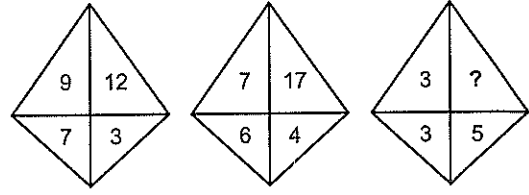
- A) 4 B) 5 C) 6 D) 7 E) 8

9.



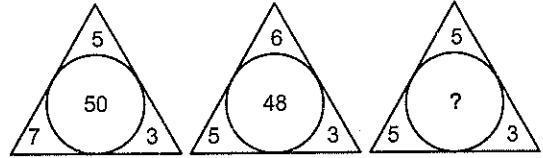
- A) 20 B) 19 C) 18 D) 17 E) 16

10.



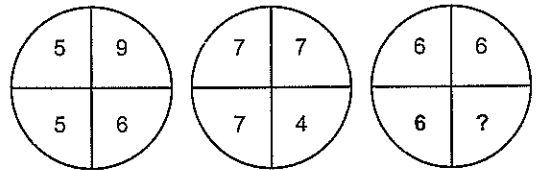
- A) 3 B) 6 C) 9 D) 11 E) 12

11.



- A) 30 B) 32 C) 35 D) 40 E) 48

12.



- A) 3 B) 4 C) 5 D) 6 E) 7

CEVAPLAR / ANSWERS

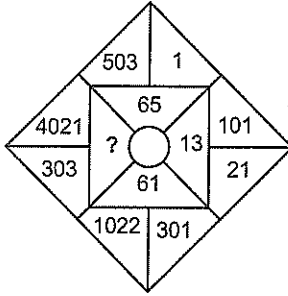
1-D	2-C	3-D	4-B	5-B	6-C
7-D	8-C	9-B	10-E	11-D	12-E

BÖLÜM 5
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS

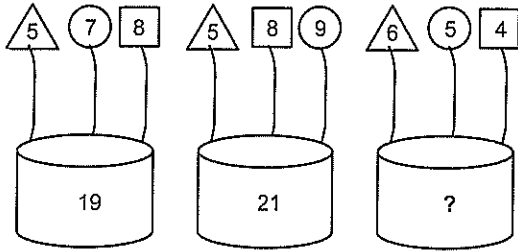
TEST - 21

1.



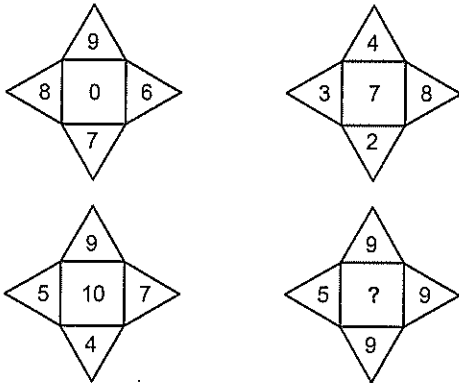
- A) 72 B) 77 C) 85 D) 92 E) 97

2.



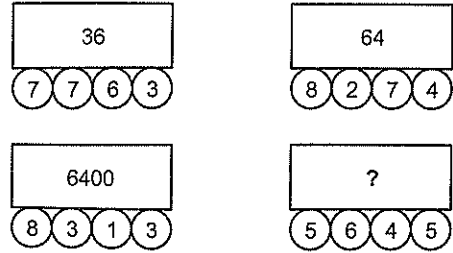
- A) 8 B) 9 C) 12 D) 13 E) 14

3.



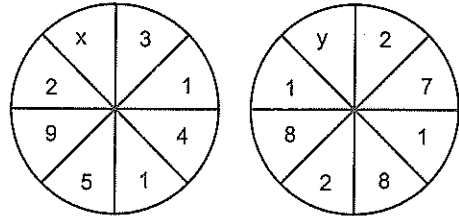
- A) 3 B) 4 C) 5 D) 6 E) 7

4.



- A) 121 B) 144 C) 169 D) 196 E) 225

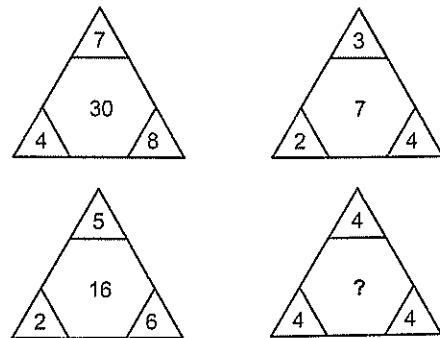
5.



$x \cdot y = ?$

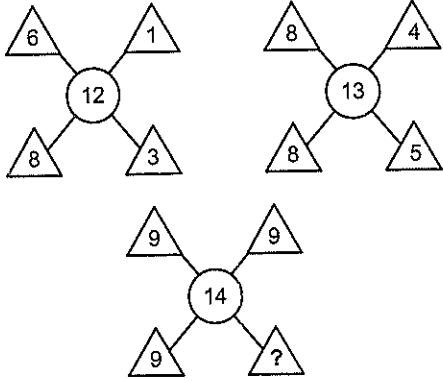
- A) 16 B) 24 C) 32 D) 40 E) 48

6.



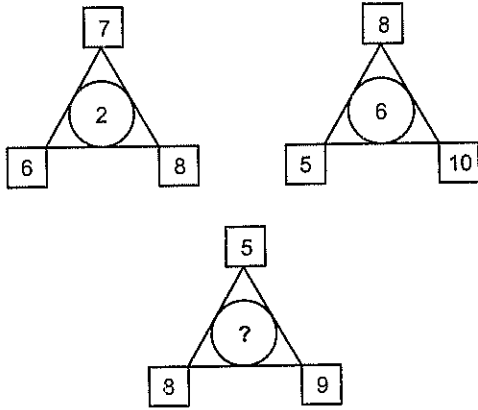
- A) 13 B) 12 C) 11 D) 10 E) 9

7.



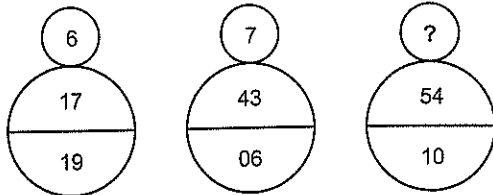
- A) 5 B) 6 C) 7 D) 8 E) 9

8.



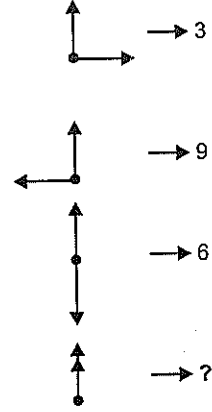
- A) 1 B) 2 C) 3 D) 4 E) 5

9.



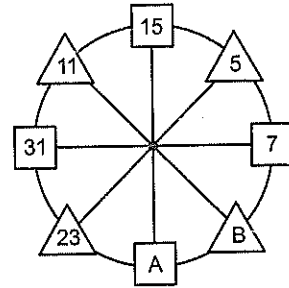
- A) 6 B) 7 C) 8 D) 9 E) 10

10.



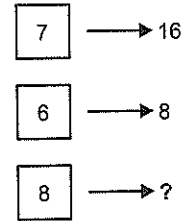
- A) 3 B) 6 C) 9 D) 10 E) 12

11.



- A) 80 B) 90 C) 100 D) 110 E) 120

12.



- A) 2 B) 4 C) 6 D) 8 E) 10

CEVAPLAR / ANSWERS

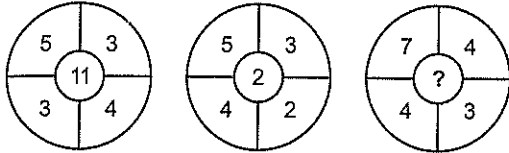
1-C	2-E	3-D	4-A	5-E	6-D
7-C	8-D	9-C	10-E	11-D	12-C

BÖLÜM 5
CHAPTER 5

SAYI ŞEKİL İLİŞKİLERİ
NUMBER FIGURE RELATIONS

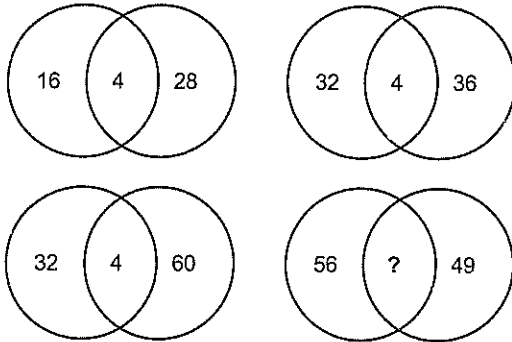
TEST - 22

1.



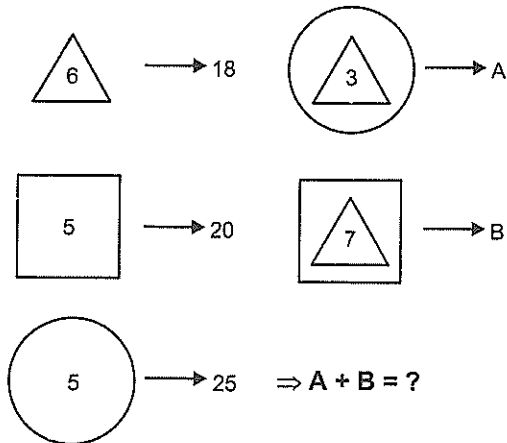
- A) 3 B) 4 C) 5 D) 6 E) 7

2.



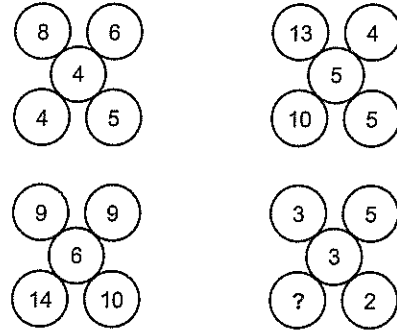
- A) 3 B) 4 C) 5 D) 6 E) 7

3.



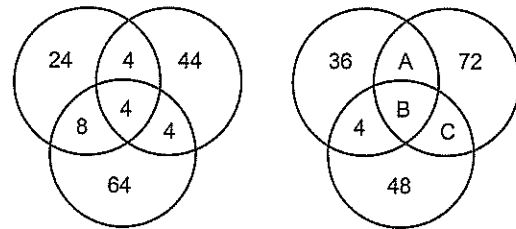
- A) 119 B) 129 C) 149 D) 160 E) 169

4.



- A) 0 B) 1 C) 2 D) 3 E) 4

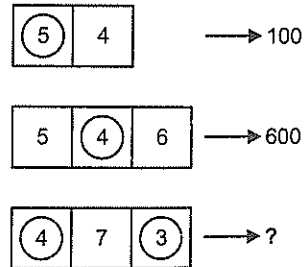
5.



$A + B + C = ?$

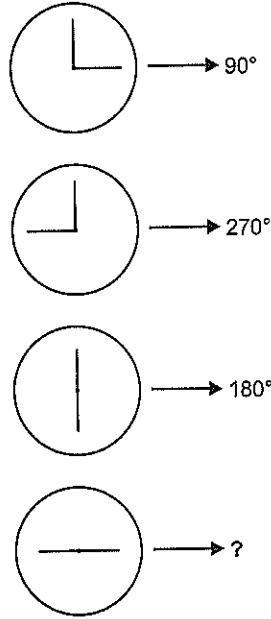
- A) 48 B) 60 C) 70 D) 72 E) 84

6.



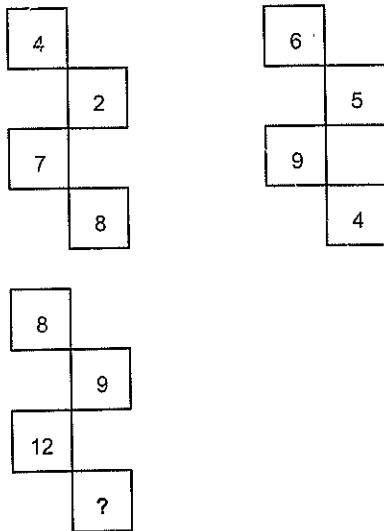
- A) 1200 B) 1260 C) 1800 D) 2100 E) 3600

7.



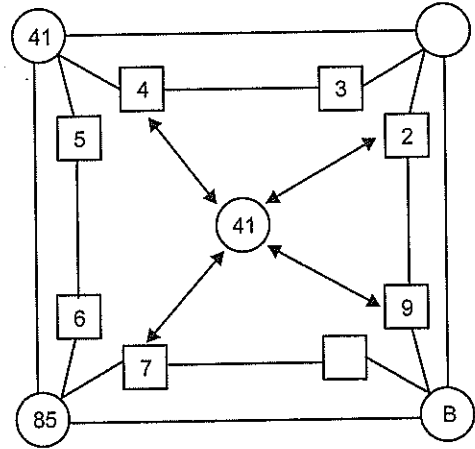
- A) 90 B) 135 C) 180 D) 220 E) 360

8.



- A) 4 B) 5 C) 6 D) 7 E) 8

9.



A, B = ?

- A) 18, 144 B) 18, 145 C) 72, 144
D) 72, 145 E) 72, 72

10.

2	3	3	2	4	2	33
3	3	4	3	3	2	100
5	3	4	1	5	2	154
3	1	5	3	4	4	384
5	4	4	4	3	4	?

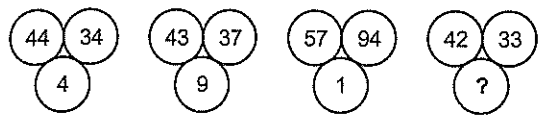
- A) 912 B) 921 C) 936 D) 943 E) 962

CEVAPLAR / ANSWERS

1-C	2-C	3-B	4-D	5-D	6-D
7-C	8-C	9-B	10-E		

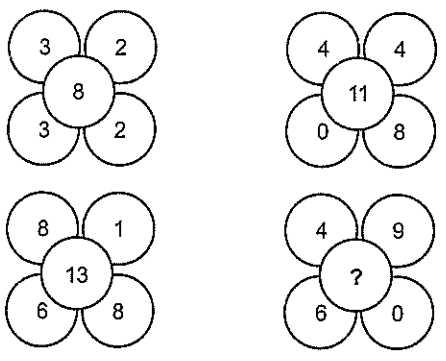
BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 23
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1.



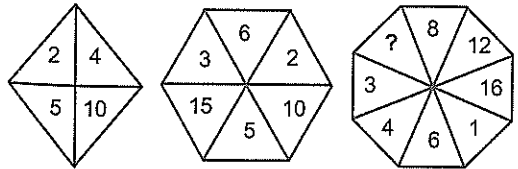
- A) 0 B) 1 C) 2 D) 3 E) 4

2.



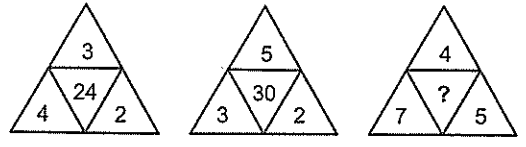
- A) 21 B) 20 C) 19 D) 18 E) 17

3.



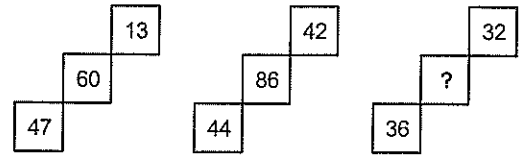
- A) 4 B) 6 C) 12 D) 24 E) 48

4.



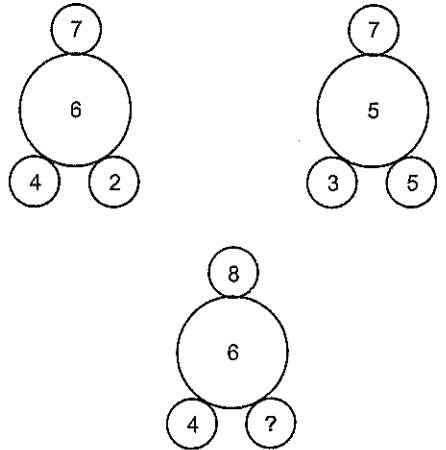
- A) 120 B) 130 C) 135 D) 140 E) 145

5.



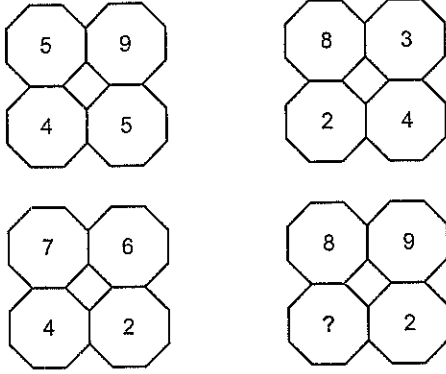
- A) 62 B) 64 C) 68 D) 70 E) 78

6.



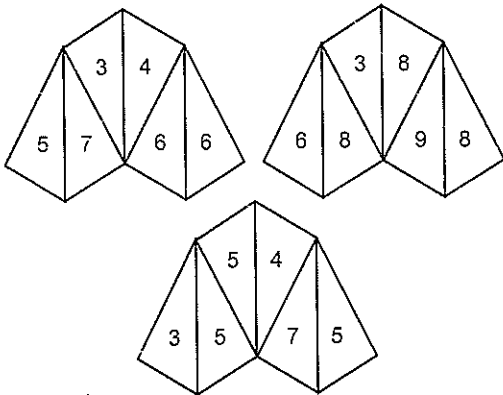
- A) 8 B) 7 C) 6 D) 5 E) 4

7.



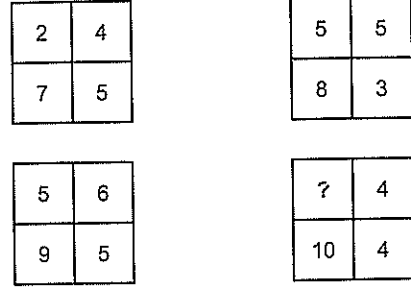
- A) 5 B) 6 C) 7 D) 8 E) 9

8.



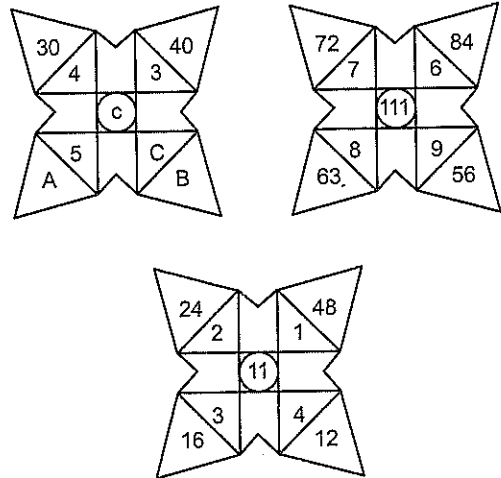
- A) 3 B) 4 C) 5 D) 6 E) 7

9.



- A) 6 B) 7 C) 8 D) 9 E) 10

10.



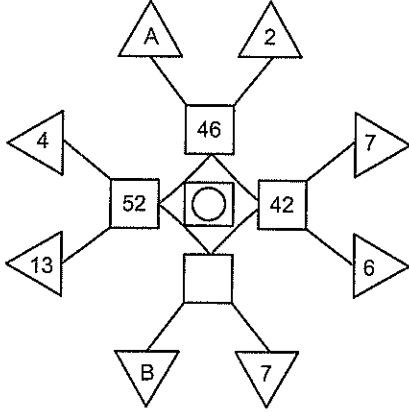
$A + B + C = ?$

- A) 93 B) 92 C) 87 D) 84 E) 83

CEVAPLAR / ANSWERS					
1-B	2-E	3-E	4-D	5-C	6-A
7-C	8-A	9-C	10-E		

BÖLÜM 5 CHAPTER 5	SAYI ŞEKİL İLİŞKİLERİ NUMBER FIGURE RELATIONS	TEST - 24
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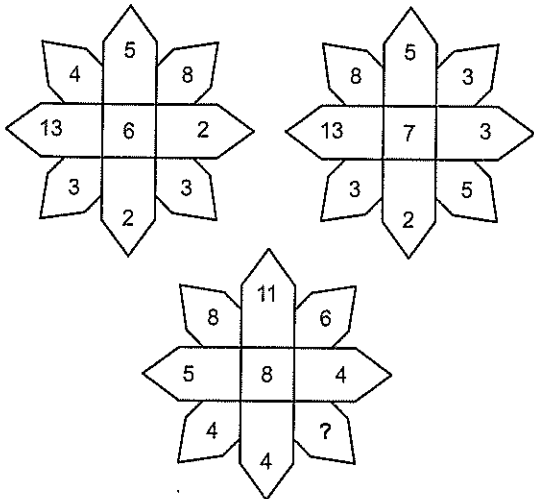
1.



$A + B = ?$

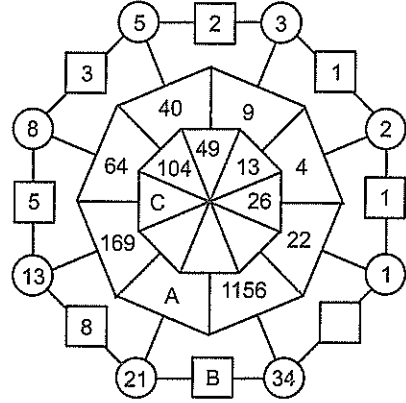
- A) 45 B) 43 C) 41 D) 33 E) 31

2.



- A) 3 B) 4 C) 5 D) 6 E) 7

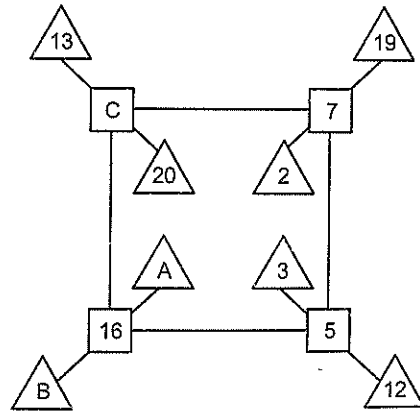
3.



$A + B + C = ?$

- A) 681 B) 683 C) 685 D) 687 E) 689

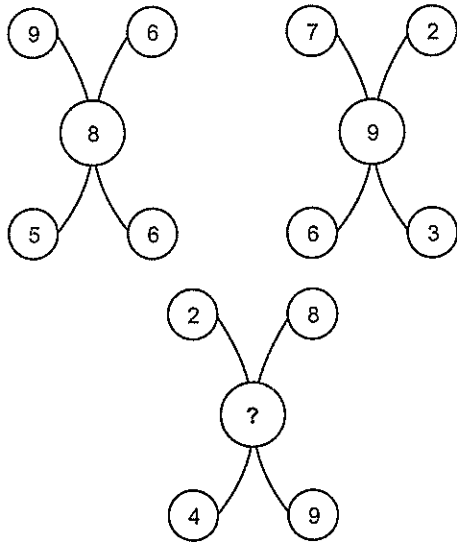
4.



$A + B + C = ?$

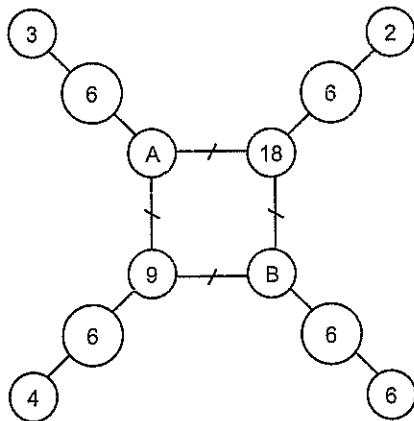
- A) 53 B) 55 C) 57 D) 59 E) 61

5.



- A) 4 B) 5 C) 6 D) 7 E) 8

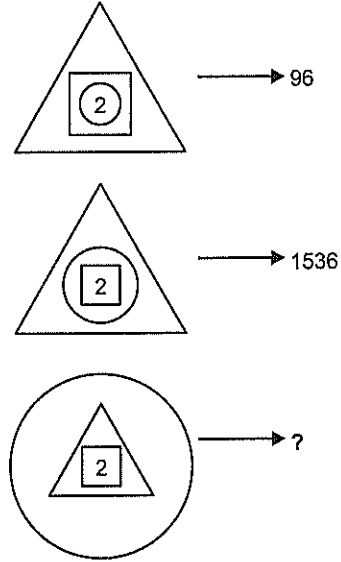
6.



A + B = ?

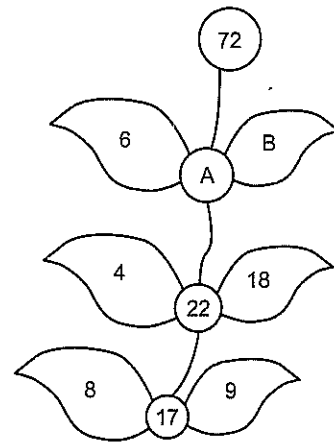
- A) 12 B) 14 C) 16 D) 18 E) 36

7.



- A) 400 B) 500 C) 576 D) 836 E) 1536

8.



A + B = ?

- A) 12 B) 16 C) 18 D) 30 E) 32

CEVAPLAR / ANSWERS

1-E	2-C	3-D	4-D	5-D	6-D
7-C	8-D				

BÖLÜM 6

CHAPTER 6

TABLULAR

TABLES

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 1

1.

+	x	y	
x	4		$\Rightarrow x \cdot y = ?$
y		6	

- A) 3 B) 4 C) 5 D) 6 E) 7

2.

+	x	y	
y	a		$\Rightarrow x + y = ?$
y		8-a	

- A) 3 B) 4 C) 5 D) 6 E) 7

3.

+	x	y	
x		3-a	$\Rightarrow x + y = ?$
y	a-7		

- A) 3 B) 4 C) 5 D) 6 E) 7

4.

x	x	y	
x	16		$\Rightarrow x + y = ?$
y		25	

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

5.

x	x	y	
x	8		$\Rightarrow x \cdot y = ?$
y		98	

- A) $14\sqrt{2}$ B) 28 C) $28\sqrt{2}$ D) 32 E) $32\sqrt{3}$

6.

x	x	y	
x		14	$\Rightarrow a = ?$
y	a		

- A) 10 B) 12 C) 14 D) 16 E) 18

7.

+	x	y	z
x	10		
y		14	
z			18

$\Rightarrow x+y-z=?$

- A) 3 B) 4 C) 5 D) 6 E) 7

8.

+	a	b	c
a			11
b	5		$2c-6$
c			

$\Rightarrow c=?$

- A) 5 B) 6 C) 7 D) 8 E) 9

9.

+	x	y	z
x		$z+3$	
y			
z	$y+10$	$x+1$	

$\Rightarrow x+y+z=?$

- A) 7 B) 9 C) 11 D) 13 E) 14

10.

x	a	b	c
a			9
b	1		
c		4	

$\Rightarrow a=?$

- A) $\frac{1}{2}$ B) 1 C) $\frac{3}{2}$ D) 2 E) $\frac{5}{2}$

11.

x	a	b	c
a			27
b	9		
c		48	

$\Rightarrow a.b.c=?$

- A) 36 B) 54 C) 72 D) 108 E) 216

12.

+	$\frac{1}{a}$	$\frac{1}{b}$	$\frac{1}{c}$
$\frac{1}{a}$		3	
$\frac{1}{b}$			5
$\frac{1}{c}$	11		

$\Rightarrow a=?$

- A) $\frac{9}{2}$ B) $\frac{7}{3}$ C) 1 D) $\frac{3}{7}$ E) $\frac{2}{9}$

CEVAPLAR / ANSWERS					
1-D	2-B	3-C	4-C	5-B	6-C
7-A	8-D	9-E	10-C	11-D	12-E

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 2

1.

+	a	a
b		5+x
b	2x-3	

 $\Rightarrow a + b = ?$

- A) 15 B) 14 C) 13 D) 12 E) 11

2.

x	a	b
a		3
b		

 $a, b \in \mathbb{Z}^+$
 $\Rightarrow a + b = ?$

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

3.

x	a	b
a		17
b		

 $a, b \in \mathbb{Z}^+$
 $\Rightarrow a + b = ?$

- A) 19 B) 18 C) 17 D) 16 E) 15

4.

+	5	b
4		7
a	11	

 $a, b \in \mathbb{N}$
 $\Rightarrow a + b = ?$

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

5.

\otimes	5	a
7		35
b	45	

 $a, b \in \mathbb{N}$
 $\Rightarrow a + b = ?$

- A) 17 B) 15 C) 14 D) 12 E) 10

6.

\otimes	5	a	b
4	20		
b	45		
a			72

 $\Rightarrow a + b = ?$

- A) 19 B) 18 C) 17 D) 16 E) 15

7.

+	a	b	
a	12		$\Rightarrow a + b = ?$
b		16	

- A) 15 B) 14 C) 13 D) 12 E) 11

8.

x	a	b	
a	16		$\Rightarrow a \cdot b = ?$
b		25	

- A) 26 B) 25 C) 24 D) 20 E) 16

9.

x	a	b	
a		8b	$\Rightarrow a + b = ?$
b	16		

- A) 16 B) 14 C) 10 D) 8 E) 6

10.

+	a	b	
a		3x+17	$\Rightarrow a + b = ?$
b	4x		

- A) 7 B) 14 C) 28 D) 35 E) 42

11.

+	a	b	
a	12		$\Rightarrow a + b = ?$
b		4a	

- A) 48 B) 36 C) 30 D) 24 E) 18

12.

+	a	b	
a	2ab		$\Rightarrow a + b = ?$
b		3b	

- A) 36 B) 24 C) 18 D) 12 E) 9

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 3

1.

+	a	b	c
a			13
b	17		
c		3a	

 $\Rightarrow a = ?$

- A) 6 B) 8 C) 9 D) 10 E) 12

2.

+	a	b
5	11	
b	22	

 $\Rightarrow a + b = ?$

- A) 112 B) 96 C) 84 D) 66 E) 60

3.

+	a	b	c
a	12		
b		16	
c			20

 $\Rightarrow a + b + c = ?$

- A) 28 B) 26 C) 24 D) 20 E) 16

4.

+	a	b
a		$c^2 - 1$
b	24	

 $b + c = 11 \Rightarrow b = ?$

- A) 6 B) 7 C) 8 D) 9 E) 10

5.

+	a	b
a	$3\sqrt{2}$	
b		$6\sqrt{2}$

 $\Rightarrow a \cdot b = ?$

- A) 36 B) 18 C) 6 D) 4 E) 3

6.

x	a	b
a	12	
b		108

 $\Rightarrow \sqrt{a \cdot b} = ?$

- A) 36 B) 24 C) 12 D) 6 E) 4

7.

x	a	b	c
a		12	
b			24
c	16		

$\Rightarrow a \cdot b \cdot c = ?$

- A) $12\sqrt{2}$ B) $24\sqrt{2}$ C) $36\sqrt{2}$
 D) $48\sqrt{2}$ E) $49\sqrt{2}$

8.

+	a	b	c
a	4a		
b		5b	
c			6c

$\Rightarrow a + b + c = ?$

- A) 18 B) 15 C) 12 D) 9 E) 6

9.

+	a	b	c
a		4c	11
b	12		
c			

$\Rightarrow a = ?$

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

10.

x	a	b
a	a+6	
b		8a+1

$\Rightarrow b = ?$

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

11.

x	a	b	c
a		32	
b			48
c	9		

$\Rightarrow \sqrt[3]{a \cdot b \cdot c} = ?$

- A) 36 B) 32 C) 28 D) 24 E) 20

12.

x	a	b	c
a		32	
b			36
c	18		

$\Rightarrow \sqrt[4]{a \cdot b \cdot c} = ?$

- A) 16 B) 14 C) 12 D) 8 E) 6

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 4

1.

+	x	y	z
x	7		
y		11	
z			12

 $\Rightarrow x+y+z=?$

- A) 14 B) 15 C) 16 D) 17 E) 18

2.

+	x	y	z
x		z	
y			7x
z	y+10		

 $\Rightarrow y=?$

- A) 8 B) 10 C) 15 D) 20 E) 22

3.

x	x	y	z
x	z+x		
y		z-y	
z			144

 $\Rightarrow x+y+z=?$

- A) 14 B) 17 C) 19 D) 21 E) 27

4.

x	x	y	z
x		z	
y			
z	2y		

 $\Rightarrow \frac{y}{x}=?$

- A)
- $\frac{1}{2}$
- B) 0 C) 1 D) 2 E) 3

5.

x	x	y	z
x	z	z/2	
y		x	
z			

 $\Rightarrow x=?$

- A) 1 B) 2 C) 3 D) 4 E) 6

6.

+	x	y	z
x		z+2	
y			3x
z	2y+1		

 $\Rightarrow x=?$

- A) 4 B) 5 C) 6 D) 7 E) 8

7.

+	a	c	d
a	d		
c	$\frac{d}{2}$		
d		$5a^2$	

$\Rightarrow d = ?$

- A) 100 B) 50 C) 25 D) 10 E) 5

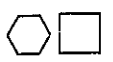





8.

	8	16	64	81
Δ	0	4	8	9
\square	2	0	4	3
\bullet	L	M	0	K

$\Rightarrow K+L+M = ?$

- A) 3 B) 4 C) 5 D) 6 E) 7

9.

*			
	17	15	K
	13	L	15
	M	12	14

$K + L + M = ?$

- A) 40 B) 42 C) 44 D) 46 E) 48

10.

+	d	b	c
d		c	
b			$5d$
c	48		

$\Rightarrow c = ?$

- A) 36 B) 32 C) 24 D) 12 E) 6

11.

+	x	y	z
x			$2y$
y	$z+5$		
z		$4x$	

$\Rightarrow y = ?$

- A) 15 B) 20 C) 25 D) 30 E) 35

12.

x	k	m	n
k	$4m$		
m			
n	m		$\frac{k}{2}$

$\Rightarrow k = ?$

- A) 32 B) 16 C) 8 D) 4 E) 2

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 5

1.

+	a	b	c
a			a+7
b	b+4		
c		c+5	

 $\Rightarrow a+b+c=?$

- A) 18 B) 16 C) 14 D) 12 E) 10

2.

x	a	b	c
a		x+7	
b	17-x		3y
c		y+10	

 $a, b, c \in \mathbb{R}$
 $\Rightarrow a+b+c=?$

- A) 29 B) 28 C) 27 D) 13 E) 11

3.

x	a	b	c
a	b		
b		c	
c			d

 $\Rightarrow \frac{d}{a \cdot b \cdot c}=?$

- A) a B) b C) c D) d E) a.b

4.

+	a	b	c
a		5c	
b			31
c	67		

 $\Rightarrow c=?$

- A) 14 B) 13 C) 12 D) 11 E) 10

5.

x	a	b	c
a		8	
b			12
c	6		

 $\Rightarrow \frac{c}{b} + \frac{a}{c}=?$

- A) $\frac{5}{12}$ B) $\frac{17}{12}$ C) $\frac{19}{12}$ D) $\frac{23}{12}$ E) $\frac{25}{12}$

6.

+	a	b	c
a	12		
b		4c	
c			4a

 $\Rightarrow =?$

- A) 48 B) 42 C) 36 D) 30 E) 24

7.

+	a	b	c
a	a		
b		5a	
c			20a

 $\Rightarrow a+b+c = ?$

- A) 12 B) 11 C) 10 D) 9 E) 8

8.

x	a	b	c
a		x	
b			
c	7x		

 $\Rightarrow \frac{c}{b} = ?$

- A) 1 B) 2 C) 3 D) 5 E) 7

9.

+	a	b	c
a	5		
b		11	
c			18

 $\Rightarrow a+b+c = ?$

- A) 34 B) 28 C) 21 D) 17 E) 14

10.

+	a	b	c
a		19	
b			
c	23	4a-6	

 $\Rightarrow b = ?$

- A) 8 B) 9 C) 10 D) 11 E) 12

11.

+	a	b	c
a	4b		
b		3c	
c			729

 $\Rightarrow a+b+c = ?$

- A) 42 B) 41 C) 40 D) 39 E) 38

12.

x	a	5	b
4	16	-	8
c	28		
d			30

 $\Rightarrow a+b+c+d = ?$

- A) 28 B) 27 C) 26 D) 25 E) 24

CEVAPLAR / ANSWERS

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

BÖLÜM 6 CHAPTER 6	TABLULAR TABLES	TEST - 6
------------------------------------	----------------------------------	-----------------

1.

+	x	y	z
x	10		12
y		12	
z			

$\Rightarrow x+y+z = ?$

- A) 10 B) 12 C) 16 D) 18 E) 24

2.

\oplus	a	b	c
a			13
b	10		
c		25	

$\Rightarrow a+b+c = ?$

- A) 20 B) 23 C) 24 D) 25 E) 26

3.

\oplus	x	y	z
y	11	10	12
z			
t	8	b	a

$\Rightarrow a+b = ?$

- A) 14 B) 16 C) 17 D) 18 E) 19

4.

\otimes	a	b	c
a	25	x	
b		36	
c	y		49

$\Rightarrow x+y = ?$

- A) 65 B) 61 C) 56 D) 48 E) 45

5.

x	a	b	c
a		16	
b		72	
c	8		

$\Rightarrow a.b.c = ?$

- A) 16 B) 48 D) 72 D) 84 E) 96

6.

+	a	b	c
a			29
b	11		
c		36	

$\Rightarrow a.c = ?$

- A) 37 B) 44 C) 48 D) 54 E) 64

7.

\oplus	x	y	z
x	10		
y		17	
z			23

 $\Rightarrow x+y+z = ?$

- A) 50 B) 35 C) 30 D) 25 E) 20

8.

+	x	y	z
2x	15	17	23
2y		a	
2z			b

 $\Rightarrow a+b = ?$

- A) 50 B) 52 C) 54 D) 58 E) 60

9.

x	a	b	c
a^2	27	72	
b^2	x		
c^2		200	y

 $\Rightarrow x-y = ?$

- A) 67 B) 65 C) 57 D) 55 E) 45

10.

+	x	y	z
z	27		
y			33
x		42	

 $\Rightarrow z = ?$

- A) 7 B) 9 C) 11 D) 12 E) 13

11.

x	a	b	c
c	x		4
b		9	y
a	16	z	

 $\Rightarrow x.b+c = ?$

- A) 24 B) 25 C) 26 D) 27 E) 28

12.

*	2	3	4
4	10	11	12
7	16	x	18
9	20	21	y

 $\Rightarrow x+y = ?$

- A) 22 B) 23 C) 35 D) 36 E) 39

CEVAPLAR / ANSWERS

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

BÖLÜM 6 CHAPTER 6	TABLULAR TABLES	TEST - 7
------------------------------------	----------------------------------	-----------------

1.

x	a	b	c
c		16	
b			
a		23	17+9b

⇒ b = ?

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

2.

x	a	b	c
d	5		
e		12	
f			20

⇒ d + e + f = ?

- A) 13 B) 14 C) 15 D) 16 E) 17

x	a	b	c
k	k		
n		2n	
m			5m

3.

+	c	b	a
a		27	
b			
c			18

⇒ c = ?

- A) $\frac{9}{7}$ B) $\frac{8}{7}$ C) $\frac{6}{7}$ D) $\frac{5}{7}$ E) $\frac{2}{7}$

x	a	b	c
c			
b			35
a			

4.

+	a	c	b
a		13	
b	17		
c			

x	a	c	b
a		36	
c			
b	72		

a, b, c ∈ N ⇒ a + b + c = ?

- A) 19 B) 21 C) 23 D) 25 E) 27

5.

x	a	b	c
a		16	
b			14+3a
c	23		

⇒ b = ?

- A) 11 B) 13 C) 15 D) 17 E) 19

6.

+	a	b	c
a			14
b	2a+3		
c		2a+17	

⇒ b = ?

- A) 8 B) 9 C) 10 D) 11 E) 12

7.

x	a	b	c
a		7k	
b			
c		3k	

+	a	b	c
a		37	
b			13
c			

$\Rightarrow a = ?$

- A) 28 B) 35 C) 36 D) 42 E) 49

8.

+	a	b	c
a			
b	72		
c	5a+20		

x	a	b	c
c			
b	8		
a			3

$\Rightarrow a = ?$

- A) 52 B) 54 C) 56 D) 58 E) 60

9.

+	a	b	c
c		12	
a			17+3b
b	13		

x	a	b	c
d		8	
e			
f			

$\Rightarrow d = ?$

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

10.

+	a	b	c
a		24	
b			11
c			

x	a	b	c
a			7a
b			
c		5a	

$\Rightarrow c = ?$

- A) 0 B) 1 C) 2 D) 3 E) 4

11.

x	a	b	c
a		42	
b			75
c	14		

$\Rightarrow a.b.c = ?$

- A) 150 B) 180 C) 200 D) 10 E) 220

12.

*	a	b	c
a		12	
b			25
c	3		

$\Rightarrow c+a.b = ?$




- A)
- $\frac{23}{2}$
- B)
- $\frac{25}{2}$
- C)
- $\frac{27}{2}$
- D)
- $\frac{29}{2}$
- E)
- $\frac{31}{2}$

CEVAPLAR / ANSWERS

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

BÖLÜM 6 CHAPTER 6	TABLULAR TABLES	TEST - 8
------------------------------------	----------------------------------	-----------------

1.

	I	II	III
	H	6	14
	10	Y	17
	5	5	K

$\Rightarrow H + Y + K = ?$

- A) 24 B) 25 C) 26 D) 27 E) 28

2.

x	3	5	7
4	12	M	84
3		30	
2		K	L

$\Rightarrow K + L + M = ?$

- A) 130 B) 120 C) 110 D) 100 E) 90





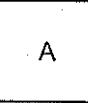




3.

x	a	b	c
a	$\frac{c^2}{4}$		
b		$ac - 2$	
c			$a^2 \cdot b$
















$\Rightarrow a + b + c = ?$

- A) 15 B) 14 C) 13 D) 12 E) 11

4.

			
I		A	
II	B		
III			C

$\Rightarrow A = ?, B = ?, C = ?$

- | | | | |
|----|--|---|---|
| | A | B | C |
| A) |  |  |  |
| B) |  |  |  |
| C) |  |  |  |
| D) |  |  |  |
| E) |  |  |  |

5.

	I	II	III
			K
		L	
	M		

- A)

--	--	--
- B)

--	--	--
- C)

--	--	--
- D)

--	--	--
- E)

--	--	--

6.

+	a	b	c
a			2b
b	2c		
c		16	

⇒ a = ?

- A) 4 B) 6 C) 8 D) 12 E) 16

7.

	I	II	III
			K
			L

- A)

--	--
- B)

--	--
- C)

--	--
- D)

--	--
- E)

--	--

8.

x	a	b	c
a			12
b	16		
c		3	

⇒ a+b+c = ?

- A) 24 B) 22 C) 20 D) 18 E) 16

CEVAPLAR / ANSWERS

1-B	2-B	3-C	4-E	5-A	6-C
7-A	8-A				

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 9

1.

*	1	2	3
5	6	12	18
6	12	18	x
9	18	27	y

$$\Rightarrow x + y = ?$$

- A) 48 B) 52 C) 56 D) 60 E) 64

2.

+	x	y	z
2x		18	
3y	14		
4z		22	

$$\Rightarrow x \cdot z = ?$$

- A) 24 B) 32 C) 35 D) 36 E) 40

3.

+	AB	AC	BC
AB		36	
AC			98
BC	96		

$$\Rightarrow \frac{B+C}{C-B} + A = ?$$

- A) 9 B) 8 C) 7 D) 6 E) 5

4.

x	a	b	c
a		24	
b			36
c			

$$a, b, c \in \mathbb{Z}^+$$

$$\Rightarrow \min(a+b+c) = ?$$

- A) 11 B) 13 C) 17 D) 60 E) 61

5.

△	■	▲	●
■	-	7	14
▲	12	-	13
●	40	x	-

$$\Rightarrow x = ?$$

- A) 20 B) 24 C) 18 D) 30 E) 36





6.

*	5	6	7
4	20	24	28
5	25	30	35
6	11	36	x

$$\Rightarrow x = ?$$

- A) 32 B) 36 C) 38 D) 40 E) 44

7.

				
2	y	7	62	$\Rightarrow x+y+z = ?$
3	12	8	63	
5	20	x	z	

- A) 72 B) 75 C) 76 D) 81 E) 84

8.

\oplus	1	2	3	
2	9	16	x	$\Rightarrow x+y+z = ?$
3	y	x	-	
4	65	-	z	

- A) 140 B) 144 C) 152 D) 154 E) 155

9.

\star	1	2	3	
3	3	9	y	$\Rightarrow x+y+z = ?$
4	4	z	64	
5	5	25	x	

- A) 136 B) 138 C) 141 D) 144 E) 150

10.

7	6	5	6	
8	7	10	11	$\Rightarrow x = ?$
5	4	6	7	
9	3	8	x	

- A) 14 B) 13 C) 11 D) 10 E) 9

11.

6	5	4	15	
11	11	7	1	$\Rightarrow x = ?$
19	5	5	1	
7	6	7	x	

- A) 7 B) 8 C) 9 D) 10 E) 15

12.

7	2	4	17	
8	2	1	13	$\Rightarrow x = ?$
19	2	6	7	
23	5	x	32	

- A) 3 B) 4 C) 5 D) 6 E) 7

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 10

1.

Δ	3	5
4	14	18
7	A	24

 $\Rightarrow A = ?$

- A) 12 B) 14 C) 16 D) 18 E) 20

2.

Δ	3	5
4	9	7
6	15	A

 $\Rightarrow A = ?$

- A) 7 B) 9 C) 11 D) 13 E) 15

3.

Δ	4	7
1	9	15
2	14	A

 $\Rightarrow A = ?$

- A) 19 B) 21 C) 23 D) 25 E) 27

4.

Δ	3	7
4	7	3
6	13	A

 $\Rightarrow A = ?$

- A) 13 B) 15 C) 17 D) 19 E) 21

5.

\bullet	3	5
4	A	B
6	243	341

 $\Rightarrow A + B = ?$

- A) 240 B) 260 C) 280 D) 300 E) 320

6.

Δ	3	4
5	9	7
6	12	A

 $\Rightarrow A = ?$

- A) 7 B) 8 C) 9 D) 10 E) 12

7.

▲	3	4	5
6		52	B
7	A		74
8	73		

$\Rightarrow A + B = ?$

A) 110 B) 119 C) 123 D) 125 E) 127

8.

●	4	5	6
1		126	C
2		133	
3	91	B	A

$\Rightarrow A + B + C = ?$

A) 392 B) 490 C) 591 D) 600 E) 610

9.

	3	5	7
△	9		B
□	A		28
⬠		25	C

$\Rightarrow A + B + C = ?$

A) 68 B) 66 C) 63 D) 61 E) 59

10.

△	3	4	7
5		9	B
6	27		13
8		A	

$\Rightarrow A + B = ?$

A) 72 B) 64 C) 60 D) 56 E) 49

11.

★	△	□	⬠
4	34	44	
2		B	52
3	A		

$\Rightarrow A + B = ?$

A) 64 B) 72 C) 73 D) 74 E) 75

12.

★	3	4	5
△	24		
⬠	A		19
⬠		11	

$\Rightarrow A = ?$

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

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 11

1.

★	5	6	7
4	20	25	30
5	24	A	36
6			B

 $\Rightarrow A + B = ?$

- A) 60 B) 64 C) 66 D) 68 E) 72

2.

★	5	7	8
□	24	48	A
○	14	20	B
△	C	17	18

 $\Rightarrow A + B + C = ?$

- A) 105 B) 103 C) 101 D) 100 E) 99

3.

★	▲	□	◇
4	8	13	15
5	11	17	A
6	C	B	35

 $\Rightarrow A + B + C = ?$

- A) 49 B) 51 C) 53 D) 56 E) 59

4.

⊕	6	7
5	8	9
6	9	A

 $\Rightarrow A = ?$

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

5.

△	5	7
4	41	65
6	A	85

 $\Rightarrow A = ?$

- A) 41 B) 51 D) 57 D) 59 E) 61

6.

●	7	10
5	8	5
6	6	A

 $\Rightarrow A = ?$

- A) 5 B) 6 C) 7 D) 8 E) 11

7.

Δ	4	6
6	25	36
8	36	A

 $\Rightarrow A = ?$

- A) 25 B) 36 C) 49 D) 64 E) 81

8.

Δ	11	17
21	16	19
33	22	A

 $\Rightarrow A = ?$

- A) 20 B) 22 C) 23 D) 25 E) 27

9.

O	5	6
3	5	8
4	0	A

 $\Rightarrow A = ?$

- A) 6 B) 7 C) 8 D) 12 E) 16

10.

Δ	5	7
4	17	19
6	23	A

 $\Rightarrow A = ?$

- A) 23 B) 24 C) 25 D) 26 E) 27

11.

O	5	6
Δ	16	27
\square	9	A

 $\Rightarrow A = ?$

- A) 9 B) 11 C) 13 D) 15 E) 20

12.

\blacktriangle	5	6
3	21	24
5	25	A

 $\Rightarrow A = ?$

- A) 21 B) 23 C) 25 D) 27 E) 28

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 12

1.

*	a	b	c
a	x	y	z
b	k	l	m
c	n	p	r

 $\Rightarrow a \star b = ?$

- A) x B) y C) z D) k E) l

2.

*	a	b	c
a	b	c	a
b	c	a	b
c	a	b	c

 $\Rightarrow (a \star b) \star (b \star c) = ?$

- A) a B) b C) c D) e E) f

3.

*	a	b	c
c	b	c	a
b	c	a	b
a	a	b	c

 $\Rightarrow a \star c = ?$

- A) a B) b C) c D) e D) g

4.

*	a	b	c
a	a	b	c
b	c	b	a
c	b	a	c

 $\Rightarrow (a \star c) \star b = ?$

- A) a B) b C) c D) d E) e

5.

*	a	b	c
a	a	b	c
b	b	c	a
c	c	a	b

 $(a \star x) \star c = a$ $\Rightarrow x = ?$

- A) a B) b C) c D) d E) e

6.

*	a	b	c
a	c	a	b
b	a	b	c
c	b	c	a

 $(a \star x) \star c = b \star c$ $\Rightarrow x = ?$

- A) a B) b C) c D) d E) e

7.

•	a	b	c	d
a	x	y	z	m
b	k	j	m	n
c	e	f	g	h

$\Rightarrow a \bullet d = ?$

- A) k B) l C) m D) n E) p

8.

▲	a	b	c	d
a	b	c	d	a
b	c	d	a	b
c	d	a	b	c
d	a	b	c	d

$\Rightarrow ((a \blacktriangle b) \blacktriangle b) \blacktriangle d = ?$

- A) a B) b C) c D) d E) e

9.

★	a	b	c
a	0	e	f
b	e	0	9
c	f	g	0

$\Rightarrow (a \star ?) = f$

- A) a B) b C) c D) d E) f

10.

★	a	b	c	d
b	b	c	d	a
a	a	b	c	d
d	d	e	b	c
c	c	d	a	b

$\Rightarrow (a \star b) \star (b \star c) \star (a \star c) = ?$

- A) a B) b C) c D) d E) e

11.

▲	a	b	c	d
a	z	x	z	z
b	y	y	x	y
c	x	z	y	x

$\Rightarrow a \star b = ?$

- A) a B) b C) c D) x E) y

12.

★	1	2	3
4	4	5	6
5	7	8	9
6	10	11	12

$\Rightarrow (6 \star 3) + (4 \star 2) = ?$

- A) 13 B) 14 C) 15 D) 16 E) 17

CEVAPLAR / ANSWERS					
1-B	2-B	3-C	4-A	5-B	6-C
7-C	8-A	9-C	10-C	11-D	12-E

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 13

1.

⊕	a	b	c
5	10	15	30
7	14	K	L
9	18	27	90

 $\Rightarrow K + L = ?$

- A) 84 B) 77 C) 70 D) 67 E) 63

2.

⊗	5	4	3
7	53	82	12
4	2	K	21
2	1	8	L

 $\Rightarrow K + L = ?$

- A) 67 B) 76 C) 83 D) 38 E) 19

3.

8	7	5	6
9	3	2	7
8	3	2	4
9	5	4	?

- A) 4 B) 5 C) 6 D) 7 E) 8

4.

2	3	4	6
4	4	8	8
3	8	7	6
1	9	3	?

- A) 7 B) 8 C) 9 D) 0 E) 1

5.

5	4	9	8
4	7	4	7
2	2	3	5
0	8	6	?

- A) 3 B) 4 C) 5 D) 6 E) 7

6.

5	7	4	2
4	4	2	9
3	2	1	7
5	5	4	?

- A) 0 B) 1 C) 2 D) 3 E) 4

7.

5	4	4	5
7	3	7	6
4	2	3	4
2	8	2	?

A) 0 B) 1 C) 2 D) 3 E) 4

8.

5	4	2	10
3	6	9	2
4	6	3	8
9	2	6	?

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

9.

5	4	10	10
3	2	5	1
5	5	13	12
6	3	8	?

A) 5 B) 7 C) 9 D) 10 E) 13

10.

6	4	4	3
8	1	3	4
3	2	2	5
1	?	2	4

A) 3 B) 4 C) 5 D) 6 E) 7

11.

1	2	5	5
2	1	6	6
5	1	2	8
0	6	4	?

A) 3 B) 4 C) 5 D) 6 E) 7

12.

2	5	3	6
4	8	6	4
8	1	1	0
0	1	2	?

A) 0 B) 1 C) 2 D) 3 E) 4

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 14

1.

8	11	4	7
5	7	4	6
3	4	1	2
5	8	?	7

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

2.

7	4	6	5
4	8	8	0
3	4	2	5
4	6	5	?

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

3.

4	3	5	5
5	7	7	6
4	5	3	9
5	9	4	?

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

4.

4	7	1	9
5	11	2	6
7	4	2	5
9	15	4	?

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

5.

9	6	4	5
8	5	0	4
6	7	2	4
8	3	?	2

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

6.

7	4	3	3
5	1	2	4
7	6	1	3
6	3	2	?

A) 3 B) 5 C) 7 D) 8 E) 9

7.

7	6	1	9
8	4	2	1
7	2	1	8
4	8	1	?

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

8.

8	6	4	3
4	2	2	1
8	0	4	0
4	8	2	?

A) 2 B) 3 C) 4 D) 5 E) 6

9.

2	5	5	5
3	6	4	9
6	4	8	8
7	8	14	?

A) 2 B) 3 C) 4 D) 5 E) 6

10.

7	22	6	7
2	4	8	6
12	11	12	21
6	8	4	?

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

11.

5	3	5	?
13	10	17	11
7	2	3	21
4	4	4	4

A) 5 B) 6 C) 7 D) 8 E) 9

12.

5	7	2	3
7	9	7	6
8	8	4	5
6	2	8	?

A) 9 B) 8 C) 7 D) 5 E) 0

CEVAPLAR / ANSWERS

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

BÖLÜM 6 CHAPTER 6	TABLULAR TABLES	TEST - 15
------------------------------------	----------------------------------	------------------

1.

4	5	2	0
3	6	1	8
4	7	2	8
5	7	3	?

A) 3 B) 4 C) 5 D) 6 E) 7

2.

4	5	6	7
4	2	3	4
1	1	1	2
6	0	8	?

A) 5 B) 6 C) 7 D) 8 E) 9

3.

7	6	4	7
2	3	9	6
8	1	3	4
4	8	?	2

A) 4 B) 5 C) 6 D) 7 E) 8

4.

4	6	6	7
7	8	7	?
5	6	9	2
3	5	4	7

A) 9 B) 8 C) 7 D) 6 E) 5

5.

7	4	8	9
8	7	5	?
1	1	1	1
5	1	3	5

A) 6 B) 5 C) 4 D) 3 E) 2

6.

8	2	7	4
5	4	9	5
4	5	9	6
1	8	9	?

A) 9 B) 8 C) 7 D) 6 E) 5

7.

7	4	2	6
8	4	0	5
9	6	3	7
6	3	0	?

A) 5 B) 6 C) 7 D) 8 E) 9

8.

8	9	4	5
3	6	4	5
7	5	2	6
18	20	10	?

A) 16 B) 15 C) 14 D) 13 E) 12

9.

4	5	6	4
5	4	7	7
11	5	22	13
9	15	20	?

A) 7 B) 10 C) 14 D) 15 E) 19

10.

45	9	36	1
7	15	13	4
5	20	15	7
6	15	?	7

A) 27 B) 25 C) 24 D) 23 E) 22

11.

8	12	6	9
6	21	2	7
5	4	10	8
9	18	?	6

A) 2 B) 3 C) 4 D) 5 E) 6

12.

2	3	6	6
6	3	12	6
3	3	9	9
2	2	4	?

A) 2 B) 3 C) 4 D) 5 E) 6

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 16

1.

1	2	5	6	6	8
7	4	2	2	9	6
1	3	2	4	3	7
4	4	5	1	x	5

 $\Rightarrow x = ?$

A) 1 B) 3 C) 5 D) 7 E) 9

2.

7	9	6	3
2	5	1	0
8	4	4	8
5	7	3	x

 $x = ?$

A) 3 B) 4 C) 5 D) 6 E) 7

3.

51	17	6	8
44	10	5	4
55	35	9	0
15	27	x	y

 $\Rightarrow x, y = ?$

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

4.

4	5	2	0
5	6	3	0
7	7	4	9
8	9	x	2

 $\Rightarrow x = ?$

A) 1 B) 3 C) 5 D) 7 E) 9

5.

4	2	8	7
6	4	8	8
9	5	x	6
7	y	9	7

 $\Rightarrow x + y = ?$

A) 5 B) 6 C) 7 D) 8 E) 9

6.

4	x	7	8
6	5	9	4
8	2	3	4
7	3	5	y

 $\Rightarrow x + y = ?$

A) 5 B) 6 C) 7 D) 8 E) 9

7.

2	4	6	4
3	2	4	8
5	5	5	11
4	x	4	12

$\Rightarrow x = ?$

- A) 8 B) 7 C) 6 D) 4 E) 2

8.

5	7	6	7
6	4	8	1
3	2	4	0
0	8	x	7

$\Rightarrow x = ?$

- A) 8 B) 7 C) 6 D) 5 E) 4

9.

5	4	4	7
3	3	4	5
5	2	4	x
7	8	11	8

$\Rightarrow x = ?$

- A) 4 B) 5 C) 6 D) 7 E) 8

10.

12	10	14	x
3	4	5	9
6	0	6	6
3	4	4	8

$\Rightarrow x = ?$

- A) 14 B) 12 C) 10 D) 8 E) 6

11.

7	4	1	1
8	7	1	5
1	9	1	0
7	6	x	y

$\Rightarrow x, y = ?$

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

12.

15	3	0	2
22	8	8	4
40	8	0	2
15	6	x	4

$\Rightarrow x = ?$

- A) 0 B) 1 C) 2 D) 3 E) 4

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6

TABLULAR
TABLES

TEST - 17

1.

	△	□	⬠
△	3	5	A
□	7	4	B
⬠	16	C	5

$\Rightarrow A + B + C = ?$

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

2.

△	□	5
□	⬠	10
⬠	△	?

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

3.

4	3	⬠
3	4	/
2	1	□
4	2	⬠

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

4.

4	9	49
5	7	47
4	3	19
8	5	?

- A) 47 B) 49 C) 51 D) 53 E) 57

5.

5	2	21
7	5	24
3	1	8
8	3	?

A) 75 BS) 65 C) 55 D) 45 E) 35

7.

2	5	3	2
3	3	2	7
4	3	6	?

A) 2 B) 4 C) 8 D) 16 E) 24

6.

4	7	2	8
5	4	2	0
6	3	1	?

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

8.

4	1	3	5
5	7	8	9
7	7	5	9
3	6	7	?

A) 0 B) 1 C) 2 D) 3 E) 4

CEVAPLAR / ANSWERS

1-C	2-C	3-B	4-D	5-C	6-B
7-B	8-C				

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 18

1.

5	3	1	2
4	7	0	5
3	6	0	3
4	2	1	x

 $\Rightarrow x = ?$

- A) 0 B) 1 C) 2 D) 3 E) 4

2.

4	3	10	7
7	2	15	5
5	3	14	5
6	5	x	y

 $\Rightarrow x + y = ?$

- A) 21 B) 23 C) 25 D) 27 E) 29

3.

4	16	2	8
7	2	14	4
8	3	16	6
9	6	x	12

 $\Rightarrow x = ?$

- A) 12 B) 14 C) 16 D) 18 E) 20

4.

2	4	1	6
5	2	2	5
6	2	3	6
4	3	6	x

 $\Rightarrow x = ?$

- A) 3 B) 4 C) 5 D) 6 E) 7

5.

3	4	8	1
4	3	6	4
5	2	2	5
3	3	x	y

 $\Rightarrow x \cdot y = ?$

- A) 8 B) 10 C) 12 D) 14 E) 16

6.

4	7	14	2
5	9	15	3
7	12	6	14
9	16	12	x

 $\Rightarrow x = ?$

- A) 8 B) 10 C) 12 D) 14 E) 16

7.

7	6	20	22
8	4	12	20
5	8	22	18
2	x	24	22

$\Rightarrow x = ?$

- A) 13 B) 21 C) 23 D) 25 E) 27

8.

8	12	20	4
9	50	40	10
8	20	20	5
7	26	x	8

$\Rightarrow x = ?$

- A) 10 B) 20 C) 25 D) 30 E) 35

9.

15	17	10	12
26	32	30	36
74	44	40	10
74	85	x	70

$\Rightarrow x = ?$

- A) 57 B) 59 C) 61 D) 63 E) 65

10.

5	17	8
6	27	9
7	37	12
8	47	x

$\Rightarrow x = ?$

- A) 11 B) 13 C) 15 D) 17 E) 19

11.

7	5	11
8	3	18
9	7	13
10	2	x

$\Rightarrow x = ?$

- A) 13 B) 17 C) 26 D) 27 E) 29

12.

7	8	9	10
5	3	7	2
22	17	30	x

$\Rightarrow x = ?$

- A) 13 B) 17 C) 26 D) 27 E) 29

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 19

1.

2	5	4	5
1	6	4	5
7	8	11	5
3	7	4	?

sonuç

- A) 13 B) 12 C) 11 D) 10 E) 9

2.

4	4	5	6
9	2	7	8
5	3	7	4
35	19	36	?

sonuç

- A) 39 B) 38 C) 36 D) 34 E) 32

3.

4	7	5	7
1	5	6	3
4	2	2	8
3	1	0	?

sonuç

- A) 4 B) 5 C) 6 D) 7 E) 8

4.

11	7	5	8
21	14	6	10
31	21	9	14
41	28	14	?

sonuç

- A) 24 B) 22 C) 20 D) 18 E) 16

5.

7	15	31	63
2	5	11	23
3	7	15	31
12	37	75	?

sonuç

- A) 135 B) 151 C) 150 D) 76 E) 75

6.

8	4	7	14
42	20	10	67
40	30	20	85
10	10	7	?

sonuç

- A) 25 B) 22 C) 20 D) 13 E) 17

7.

			sonuç
3	4	5	36
4	5	3	48
5	4	3	6
3	5	4	?

- A) 36 B) 48 C) 60 D) 72 E) 74

8.

			sonuç
4	4	2	10
5	3	2	20
3	5	2	2
6	4	4	?

- A) 32 B) 28 C) 24 D) 20 E) 14

9.

			sonuç
5	6	8	24
4	4	2	21
3	4	5	14
3	1	9	?

- A) 11 B) 12 C) 13 D) 14 E) 15

10.

2	1	3	7
0	0	6	0
9	5	9	4
7	5	9	?

sonuç

- A) 13 B) 12 C) 11 D) 10 E) 9

11.

4	3	2	8
7	5	0	0
2	1	5	1
7	6	5	?

sonuç

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

12.

7	3	2	1
4	2	5	3
5	6	8	4
29	16	11	?

sonuç

- A) 0 B) 1 C) 2 D) 3 E) 4

CEVAPLAR / ANSWERS

1-C	2-B	3-A	4-C	5-B	6-B
7-A	8-B	9-A	10-B	11-C	12-B

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 20

1.

			sonuç
2	3	5	11
7	4	8	36
5	2	5	15
3	4	3	?

- A) 10 B) 12 C) 15 D) 18 E) 19

2.

			sonuç
3	2	5	17
4	8	7	36
2	5	9	23
9	2	5	?

- A) 40 B) 41 C) 43 D) 47 E) 49

3.

			sonuç
3	2	5	13
4	8	7	60
2	5	9	47
9	2	5	?

- A) 19 B) 23 C) 25 D) 27 E) 29

4.

			sonuç
5	8	2	11
7	3	5	5
6	2	5	3
9	4	7	?

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

5.

			sonuç
5	4	7	47
2	5	8	17
4	9	7	42
6	4	8	?

- A) 19 B) 48 C) 50 D) 56 E) 58

6.

			sonuç
5	4	9	6
4	5	5	9
4	4	11	4
5	6	14	?

- A) 1 B) 2 C) 3 D) 4 E) 6

7.

7	8	10	7
4	10	3	6
3	2	5	4
17	6	47	?

sonuç

- A) 12 B) 14 C) 16 D) 18 E) 20

8.

7	8	5	6
10	7	3	8
2	4	4	7
50	28	3	?

sonuç

- A) 4 B) 8 C) 12 D) 16 E) 20

9.

7	8	7	8
4	7	6	10
3	4	5	2
5	20	23	?

sonuç

- A) 8 B) 10 C) 12 D) 14 E) 16

10.

8	4	6	44
9	7	3	121
7	6	9	4
8	3	7	?

sonuç

- A) 8 B) 16 C) 18 D) 24 E) 36

11.

3	3	2	22
2	3	1	14
4	4	4	48
5	4	3	?

sonuç

- A) 40 B) 44 C) 46 D) 48 E) 50

12.

3	4	7	6
5	2	4	8
1	5	9	3
4	6	?	12

sonuç

- A) 9 B) 11 C) 13 D) 15 E) 17

CEVAPLAR / ANSWERS

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

BÖLÜM 6 CHAPTER 6	TABLÖLAR TABLES	TEST - 21
------------------------------------	----------------------------------	------------------

1.

sonuç

5	4	19
3	7	16
8	9	?

- A) 23 B) 25 C) 21 D) 33 E) 35

2.

sonuç

5	2	25
3	4	81
5	?	125

- A) 1 B) 2 C) 3 D) 5 E) 25

3.

3	3	27
4	3	64
81	27	?

sonuç

- A) 27^{64} B) 64^{27} C) 64^{64} D) 27^{27} E) 10^{20}

4.

7	6	4
5	3	7
11	12	?

sonuç

- A) 3 B) 4 C) 5 D) 7 E) 9

5.

5	7	9
4	2	5
9	45	?

sonuç

- A) 59 B) 56 C) 53 D) 44 E) 42

7.

5	8	7
7	3	18
8	5	?

sonuç

- A) 19 B) 18 C) 17 D) 16 E) 15

6.

3	4	81
5	2	25
8	3	?

sonuç

- A) 1024 B) 512 C) 256 D) 128 E) 64

8.

7	8	3	7
5	15	12	11
?	3	9	14

sonuç



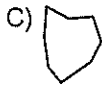


- A) 9 B) 8 C) 7 D) 6 E) 5

CEVAPLAR / ANSWERS					
1-D	2-C	3-A	4-C	5-B	6-B
7-A	8-B				

BÖLÜM 6 CHAPTER 6	TABLULAR TABLES	TEST - 22
------------------------------------	----------------------------------	------------------

1.

/	^	∩
∩	□	⬡
⊞	⊞	?

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

2.

☆	△	□	⬠	
□	11	A		⇒ A + B + C = ?
⬡	B	14		
⬢		C	15	

- A) 25 B) 31 C) 36 D) 44 E) 49

3.

☆	△	□	⬠	
⬡	17	A		⇒ A + B = ?
⬠	B	22		
⬢	C		27	

- A) 70 B) 65 C) 60 D) 55 E) 50

4.

☆	△	□	⬠	
⬢	9	20	15	⇒ A + B = ?
⬠	16	10	20	
⬡	6	A	B	

- A) 31 B) 30 C) 27 D) 26 E) 25

5.

			K
	L		
			M

- A) 31 B) 32 C) 31 D) 30 E) 29

6.

*				
A	3	4	5	⇒ K + L = ?
B	0	2	K	
C	9	L	25	

- A) 25 B) 23 C) 21 D) 19 E) 17

7.

*				
A	16	36	M	⇒ L + M + N = ?
B	L	216	512	
C	2	N	20	

- A) 144 B) 139 C) 137 D) 135 E) 121

8.

*				
	7		9	⇒ A + B = ?
		A	16	
	27	20	B	

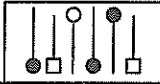
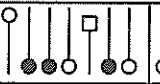
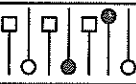
- A) 10 B) 12 C) 14 D) 16 E) 18

CEVAPLAR / ANSWERS

1-E	2-E	3-C	4-D	5-A	6-C
7-C	8-E				

BÖLÜM 6 CHAPTER 6	TABLULAR TABLES	TEST - 23
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


1.

			
I	3	3	K
II	2	1	L
III	M	3	3

$K + L + M = ?$

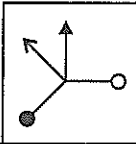
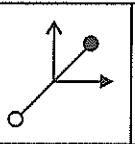
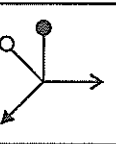
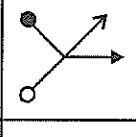
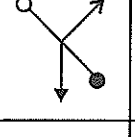

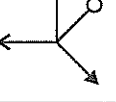
- A) 4 B) 5 C) 6 D) 7 E) 8

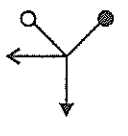
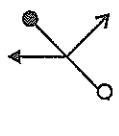
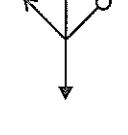
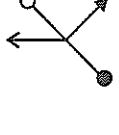
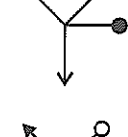
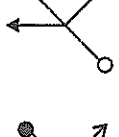
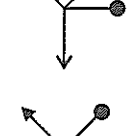
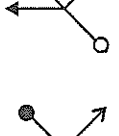

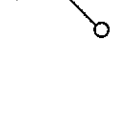
2.

			
I	8	6	A
II	6	5	B
III	12	9	C

- | | A | B | C |
|----|----|---|----|
| A) | 12 | 8 | 12 |
| B) | 12 | 6 | 12 |
| C) | 12 | 8 | 18 |
| D) | 6 | 6 | 15 |
| E) | 6 | 8 | 18 |

3.

			
I			K
II		L	




- | | K | L |
|----|--|---|
| A) |  |  |
| B) |  |  |
| C) |  |  |
| D) |  |  |
| E) |  |  |

4.

	A	B	O
A	A-	AB+	A+
B	AB+	B-	B
O	A-	L	K









- | | | |
|----|----------|----------|
| | <u>K</u> | <u>L</u> |
| A) | O- | B- |
| B) | B- | B+ |
| C) | B- | B+ |
| C) | O- | B+ |
| E) | O- | B+ |






5.

			
I	6	5	K
II	L	540	360
III	9	5	M







- | | | | |
|----|----------|----------|----------|
| | <u>K</u> | <u>L</u> | <u>M</u> |
| A) | 4 | 720 | 1 |
| B) | 4 | 600 | 1 |
| C) | 4 | 720 | 2 |
| D) | 6 | 540 | 2 |
| E) | 6 | 720 | 2 |

6.

		
		
		?




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

7.

		7
		9
		?

- A) 10 B) 11 C) 12 D) 13 E) 14

8.

			
K	6	10	A
L	5	B	8
M	C	15	18

$\Rightarrow A + B + C = ?$

- A) 32 B) 31 C) 30 D) 29 E) 28

CEVAPLAR / ANSWERS					
1-C	2-C	3-D	4-A	5-C	6-B
7-B	8-E				

BÖLÜM 6
CHAPTER 6

TABLULAR
TABLES

TEST - 24

1.

	a	b	c
	H	4	2
	2	Y	5
	4	3	K

Yukarıdaki tabloya göre, H, Y ve K kaçtır?

	H	Y	K
A)	3	1	2
B)	2	2	3
C)	3	3	2
D)	2	1	3
E)	3	2	2

2.

	A		
		B	
			C

Yukarıdaki tabloya göre A, B ve C nedir?

	A	B	C
A)			
B)			
C)			
D)			
E)			

3.

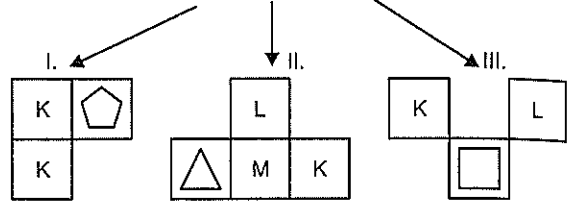
▲	a	b	c	d	e
a	e	e	L	c	a
b	e	c	a	e	K
c	d	a	b	c	d
d	M	e	c	a	c
e	a	b	d	c	d

Yukarıdaki tablo ▲ işlemine göre düzenlenmiştir. Buna göre K, L ve M nedir?

- | | <u>K</u> | <u>L</u> | <u>M</u> |
|----|----------|----------|----------|
| A) | b | d | c |
| B) | b | c | a |
| C) | a | d | a |
| D) | c | b | c |
| E) | a | c | b |

4.

△	□	★	○	⬠
△	★	⬠	□	○
⬠	★	○	⬠	□
△	⬠	△	○	★



⇒ K = ?, L = ?, M = ?

I, II ve III yukarıdaki tabloların farklı birer parçalarıdır.

Buna göre, K, L ve M nin yerine aşağıdakilerden hangisi gelmelidir?

- | | <u>K</u> | <u>L</u> | <u>M</u> |
|----|----------|----------|----------|
| A) | ★ | ○ | ⬠ |
| B) | ○ | ⬠ | ★ |
| C) | ★ | ★ | ○ |
| D) | ★ | ⬠ | ○ |
| E) | □ | ★ | ⬠ |

CEVAPLAR / ANSWERS

1-E

2-D

3-A

4-D

BÖLÜM 6
CHAPTER 6
TABLULAR
TABLES
TEST - 25

1.

Δ	6	8	12
4	6	4	0
5	9	7	x
7	15	13	y

$\Rightarrow x + y = ?$

- A) 9 B) 10 C) 11 D) 12 E) 13

2.

\star	Δ	\square	O
5	15	20	25
4	12	16	16
7	x	y	z

$\Rightarrow x + y - z = ?$

- A) -5 B) -2 C) 2 D) 5 E) 0

3.

\star	4	3	2
3	7	0	5
4	0	7	12
5	y	16	x

$\Rightarrow x = ?$

- A) 15 B) 17 C) 19 D) 20 E) 21

4.

\star	2	3	5
4	26	32	50
5	36	42	x
7	62	y	86

$\Rightarrow x + y = ?$

- A) 64 B) 56 C) 112 D) 128 E) 164

5.

\star	1	2	7
3	31	32	37
4	41	42	47
5	51	x	y

$\Rightarrow x + y = ?$

- A) 76 B) 80 C) 89 D) 90 E) 99

6.

\star	5	6	7
4	25	22	19
5	30	26	x
7	40	34	y

$\Rightarrow x + y = ?$

- A) 48 B) 52 C) 56 D) 60 E) 64

7.

★	2	8	10
▲	7	25	x
■	7	31	y
●	3	63	z

$\Rightarrow x + y + z = ?$

- A) 129 B) 139 C) 143 D) 159 E) 169




8.

▲	△	□	○
5	15	y	125
7	21	28	343
10	x	40	z

$\Rightarrow x + y + z = ?$

- A) 161 B) 169 D) 171 D) 175 E) 181


9.

●			
4	23	29	z
5	29	37	124
6	x	y	215

$\Rightarrow x + y + z = ?$

- A) 143 B) 144 C) 154 D) 164 E) 174


10.

	5	7	9
4	2	10	9
3	6	3	9
2	1	y	x

$\Rightarrow x + y = ?$

- A) 12 B) 13 C) 14 D) 15 E) 16


11.

	22	30	44
10	6	0	20
12	12	y	30
14	18	16	x

$\Rightarrow x + y = ?$

- A) 40 B) 42 C) 44 D) 48 E) 52

12.

	5	9	10
11	7	2	3
16	3	7	8
18	x	y	10

$\Rightarrow x + y = ?$

- A) 8 B) 10 C) 14 D) 16 E) 20

CEVAPLAR / ANSWERS

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

BÖLÜM 6
CHAPTER 6
TABLORLAR
TABLES
TEST - 26

1.

Δ	5	7	3
8	12	13	1
4	K	15	L
6	9	13	3

 $\Rightarrow K + L = ?$

- A) 14 B) 15 C) 16 D) 17 E) 19

2.

*	5	4	6
6	14		
8		24	
4		B	16

 $\Rightarrow B = ?$

- A) 10 B) 11 C) 13 D) 15 E) 17




3.

*	4	5	6
5			14
6	16		
7			A

 $\Rightarrow A = ?$

- A) 15 B) 17 C) 19 D) 21 E) 23

4.

*			
2	8	16	K
3	L	81	243
4	M	256	1024

 $\Rightarrow K + L + M = ?$

- A) 117 B) 123 C) 128 D) 136 E) 251

5.

*	16	81	625	4
K	4	A	25	2
L	10	10	B	10
M	C	3	5	10

 $\Rightarrow A + B + C = ?$

- A) 16 B) 17 C) 21 D) 23 E) 25

6.

*	5	6	7
1	5		B
2	A		9
3		12	

 $\Rightarrow A + B = ?$

- A) 10 B) 11 C) 12 D) 13 E) 14

7.

5	6	9	4
7	19	4	6
8	5	16	0
3	5	7	?

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

8.

5	4	3	23
6	4	7	31
4	5	5	25
4	4	3	?

A) 19 B) 16 C) 14 D) 12 E) 10

9.

5	4	3	19
6	4	7	46
4	5	5	25
4	4	3	?

A) 19 B) 16 C) 14 D) 12 E) 10

10.

5	4	3	35
6	4	7	66
4	2	8	40
7	4	3	?

A) 81 B) 64 C) 59 D) 55 E) 49

11.

5	4	3	27
6	4	7	70
4	2	8	48
7	4	3	?

A) 30 B) 31 C) 32 D) 33 E) 35

12.

4	3	5	7
5	4	7	13
5	6	16	14
4	5	7	?

A) 17 B) 15 C) 13 D) 12 E) 10

CEVAPLAR / ANSWERS

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

BÖLÜM 7

CHAPTER 7

TERAZİLER

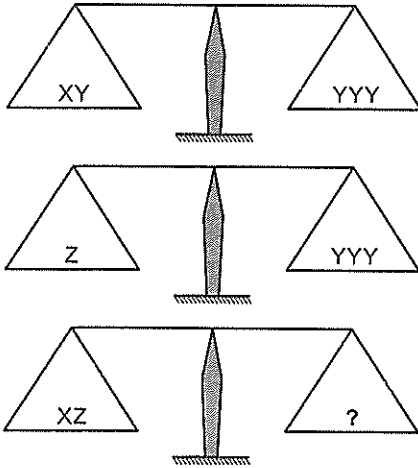
SCALES

BÖLÜM 7
CHAPTER 7

TERAZİLER
SCALES

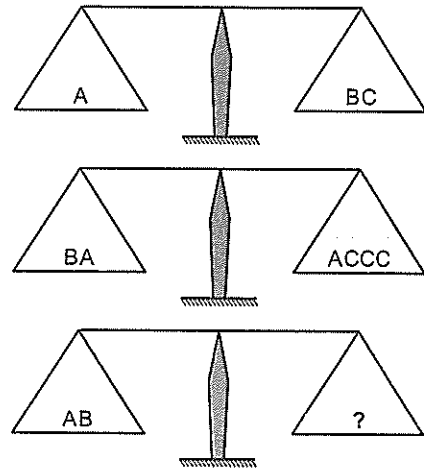
TEST - 1

1.



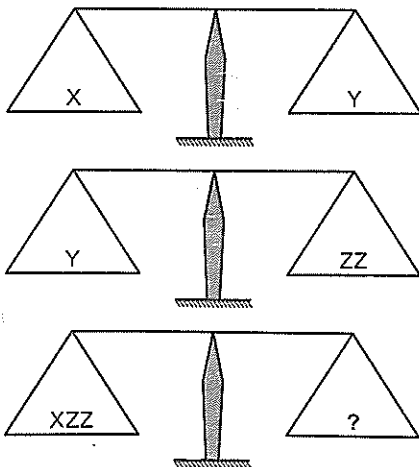
- A) YYY B) YXY C) XXYY
D) YYYYY E) YXXYY

3.



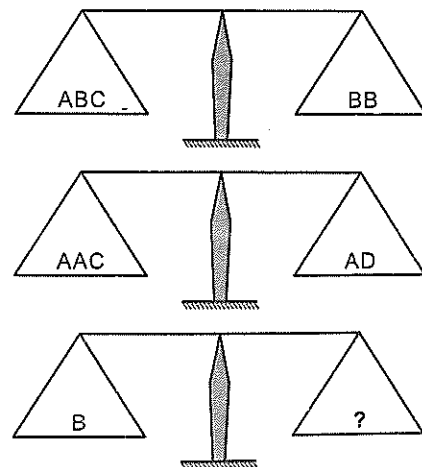
- A) 3C B) 4C C) 5C D) 6C E) 7C

2.



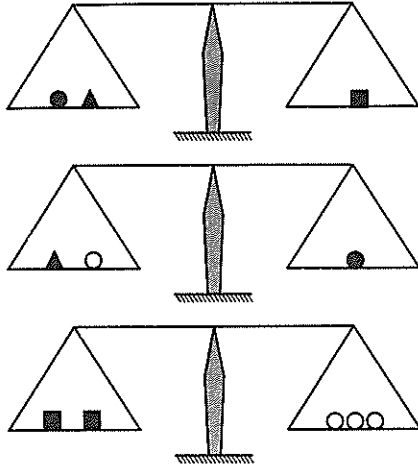
- A) XZ B) ZZ C) YY D) ZZZ E) YZ

4.



- A) A B) C C) D D) AA E) CC

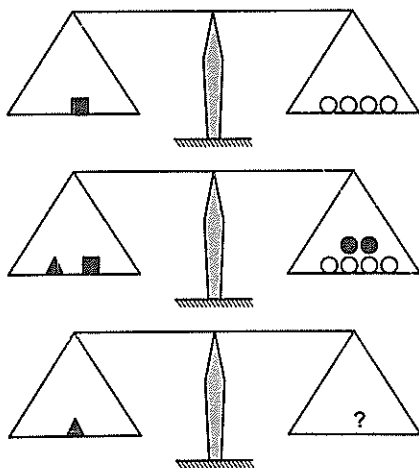
5.



● = ?▲

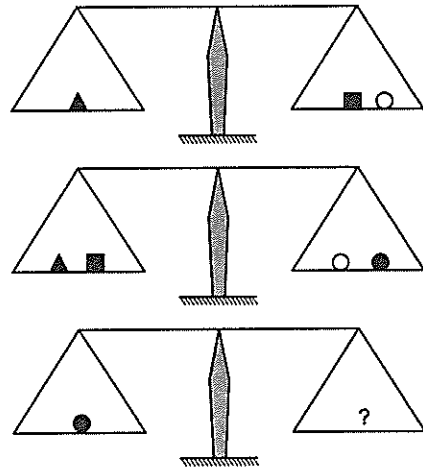
- A) 5▲ B) 6▲ C) 7▲ D) 8▲ E) 9▲

6.



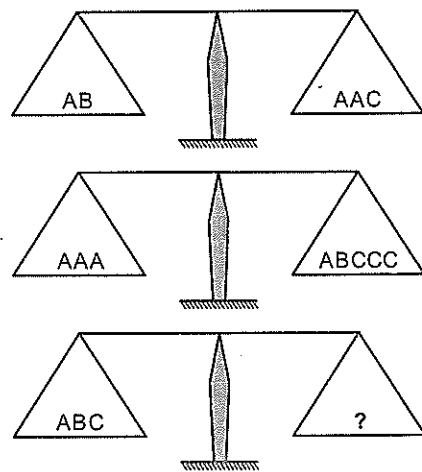
- A) ○○ B) ●○ C) ●●
D) ●○○ E) ○●●

7.



- A) ■ B) ▲▲ C) ■■
D) ▲■ E) ▲▲▲

8.

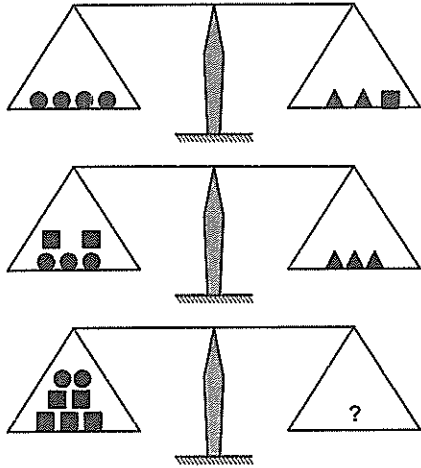


- A) 8C B) 9C C) 10C D) 11C E) 12C

CEVAPLAR / ANSWERS					
1-D	2-C	3-E	4-C	5-A	6-C
7-C	8-C				

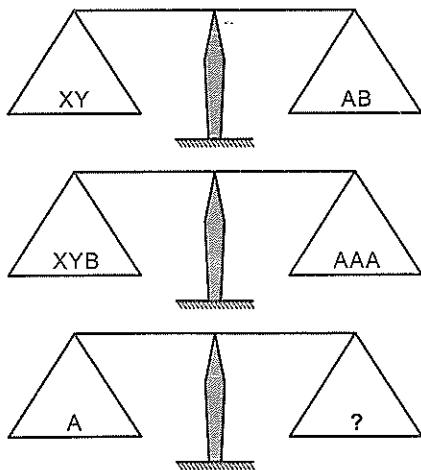
BÖLÜM 7 CHAPTER 7	TERAZİLER SCALES	TEST - 2
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1.



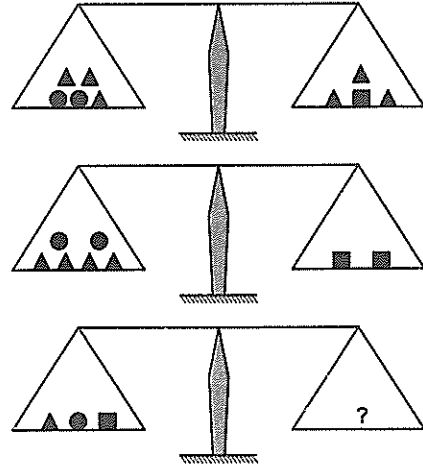
- A) O■▲ B) ▲▲▲ C) ▲▲▲▲
 D) ▲▲▲■ E) ▲▲▲▲■

2.



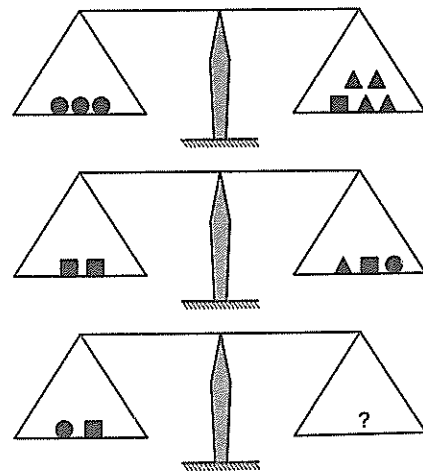
- A) B B) AB C) BX D) XY E) BY

3.



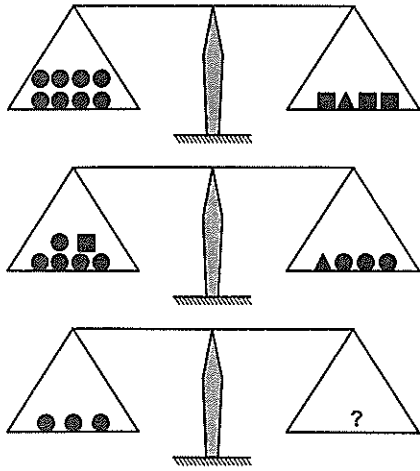
- A) ▲▲▲▲▲▲ B) ▲▲▲▲▲▲
 C) ▲▲▲▲▲ D) ▲▲▲▲
 E) ▲▲▲▲●

4.



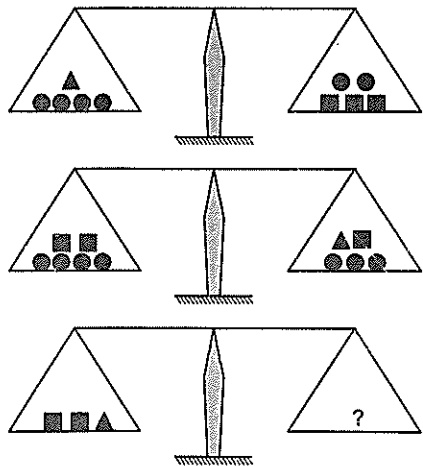
- A) ▲▲▲ B) ▲▲▲▲ C) ▲▲▲▲▲
 D) ▲▲▲▲▲▲ E) ▲▲▲▲■

5.



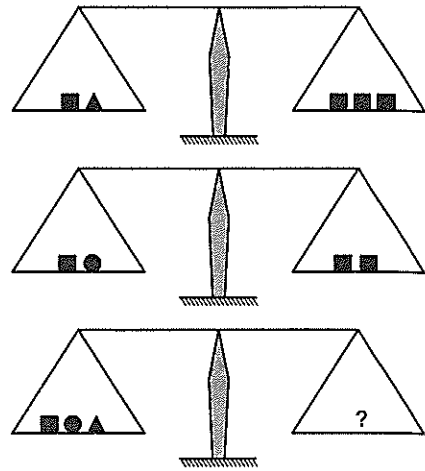
- A) ▲ B) ▲■ C) ■■
 D) ■● E) ■■■

6.



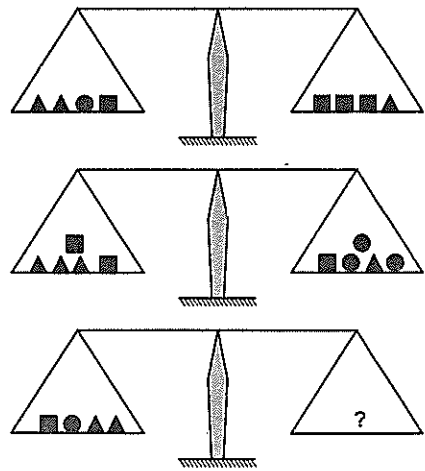
- A) ▲▲ B) ▲▲▲ C) ■●●●●
 D) ▲▲▲● E) ▲●

7.



- A) ■ B) ■■ C) ■■■
 D) ■■■■ E) ▲■●■

8.

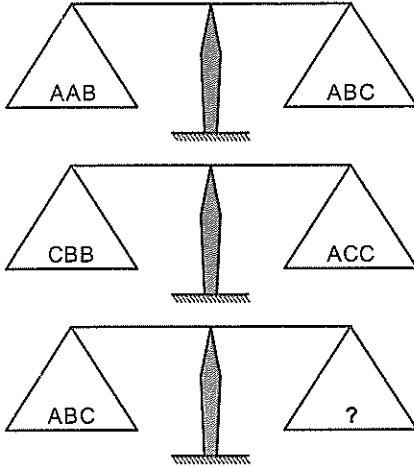


- A) ▲■● B) ▲■■ C) ▲▲▲
 D) ■■■■ E) ■■▲●

CEVAPLAR / ANSWERS					
1-C	2-A	3-A	4-D	5-C	6-C
7-D	8-E				

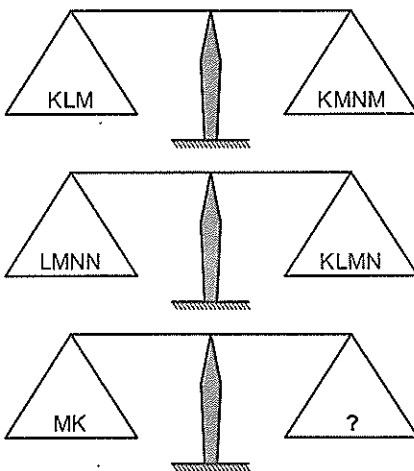
BÖLÜM 7
CHAPTER 7
TERAZİLER
SCALES
TEST - 3

1.



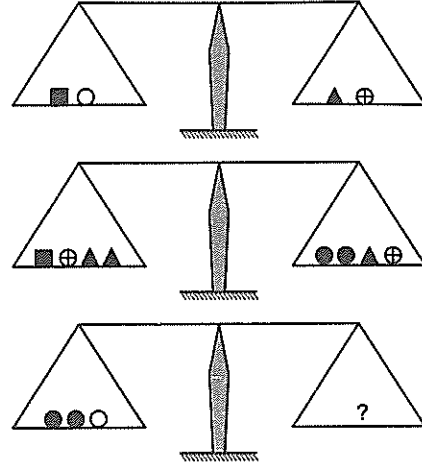
- A) CC B) BB C) AA D) AB E) AAA

2.



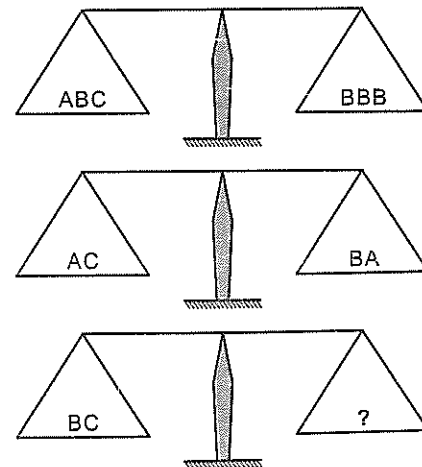
- A) L B) N C) K D) M E) MNK

3.



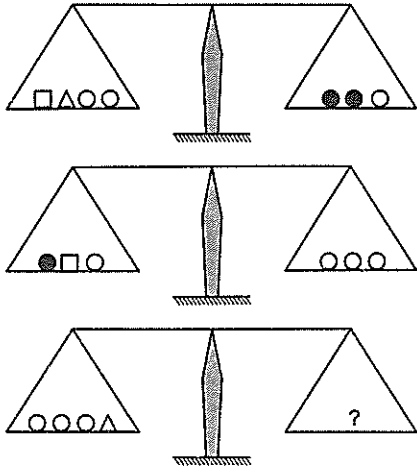
- A) ⊕⊕⊕ B) ▲▲▲ C) ▲▲⊕
 D) ▲⊕⊕ E) ⊕▲⊕

4.



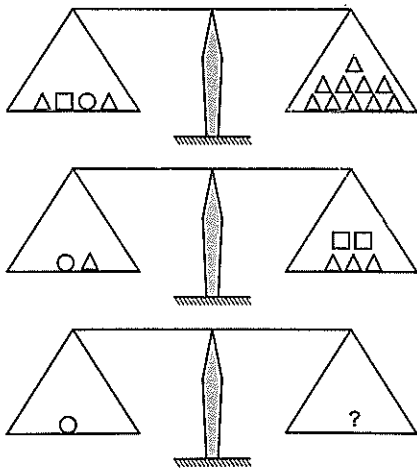
- A) A B) B C) ABA D) AB E) BCA

5.



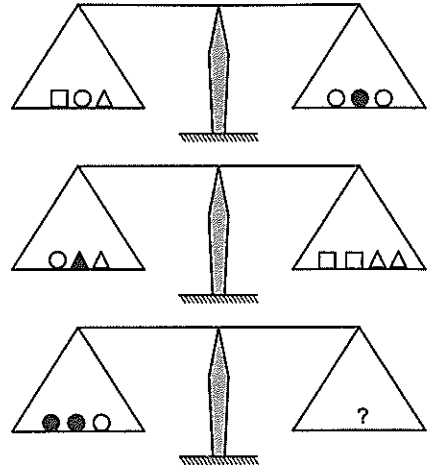
- A) □□□ B) ●●● C) ○○○
 E) ●○○ D) ●●○

6.



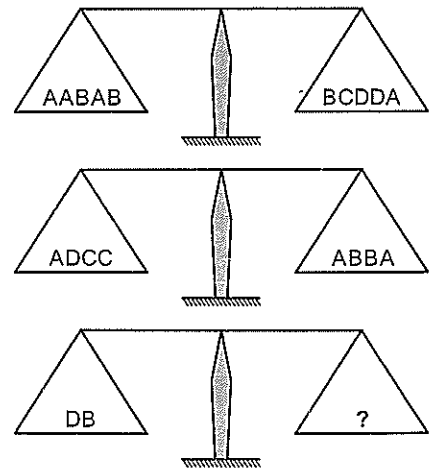
- A) 4Δ B) 5Δ C) 6Δ
 D) 7Δ E) 8Δ

7.



- A) ΔΔ B) ▲▲ C) ▲▲
 D) □Δ E) □▲○

8.

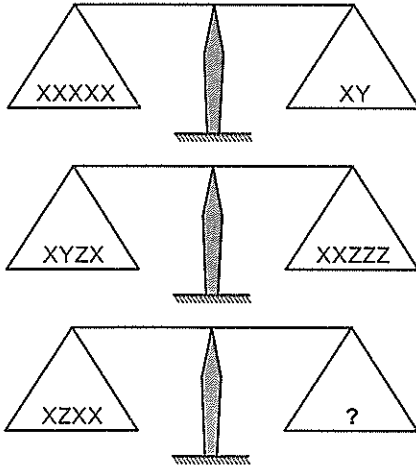


- A) AC B) AA C) DD C) CC E) AD

CEVAPLAR / ANSWERS					
1-E	2-A	3-C	4-D	5-B	6-C
7-C	8-A				

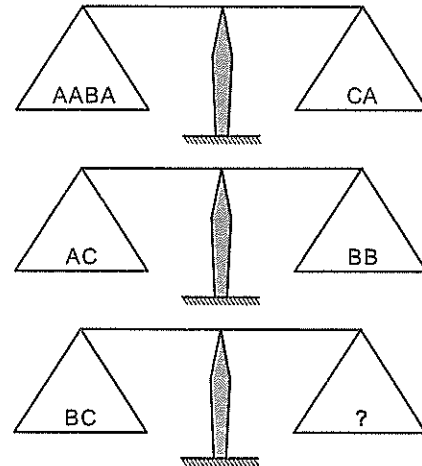
BÖLÜM 7
CHAPTER 7
TERAZİLER
SCALES
TEST - 4

1.



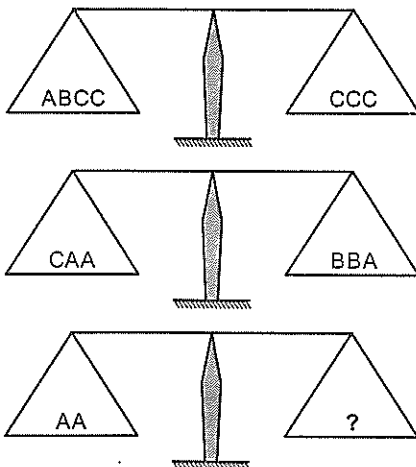
A) XXX B) ZZZ C) Y D) YX E) YY

3.



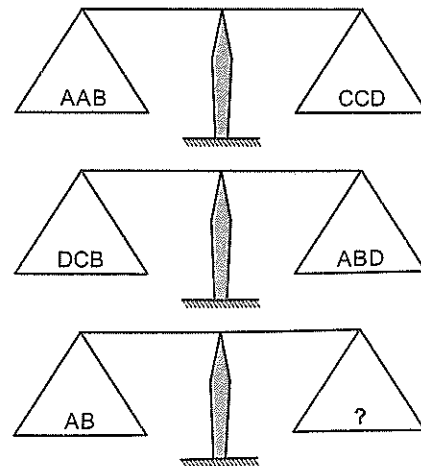
A) 8A B) 7A C) 6A D) 5A E) 4A

2.



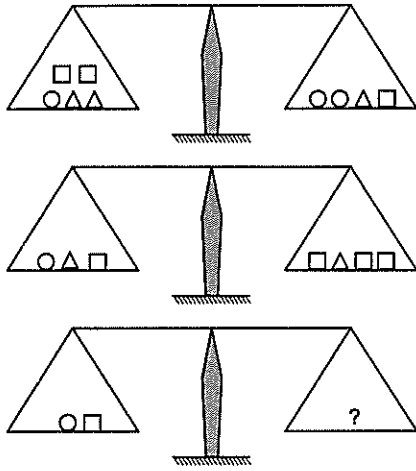
A) C B) AB C) B D) AC E) CB

4.



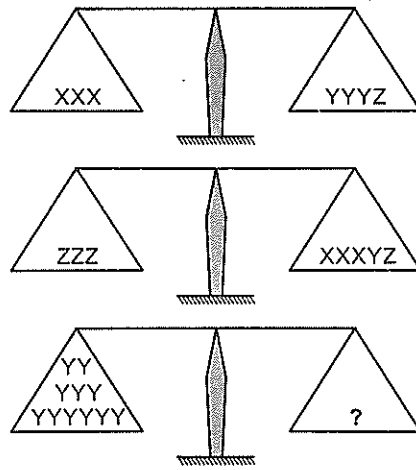
A) BD B) AC C) CD D) AAC E) AAB

5.



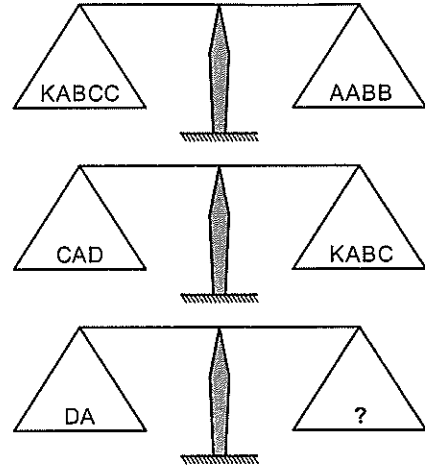
- A) □○□ B) □□ C) △△
 D) △□△ E) △○△

6.



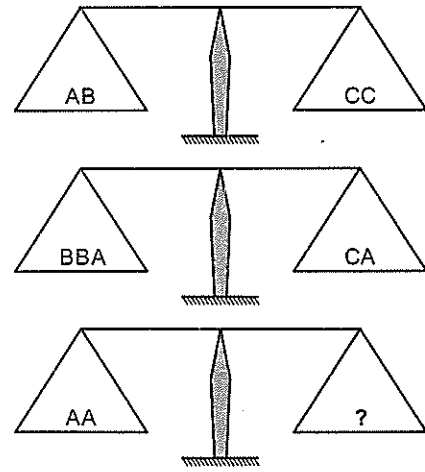
- A) XXXZ B) XXXX C) ZZ
 D) ZZZ E) XYZ

7.



- A) KKC B) KCC D) KKCC
 D) KC E) KCKCK

8.



- A) CCC B) AC C) CC
 D) BB E) BC

CEVAPLAR / ANSWERS					
1-D	2-C	3-A	4-C	5-D	6-A
7-D	8-A				

BÖLÜM 8

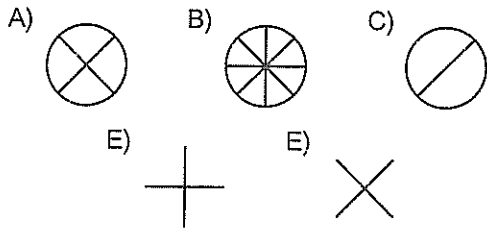
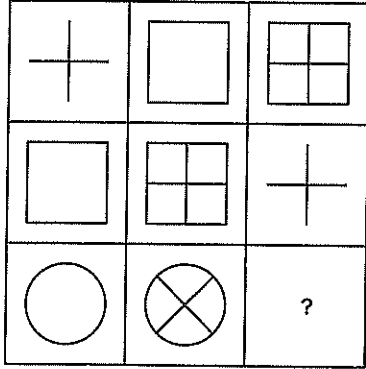
CHAPTER 8

ŞEKİL BAĞINTILARI

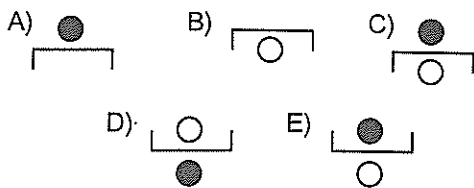
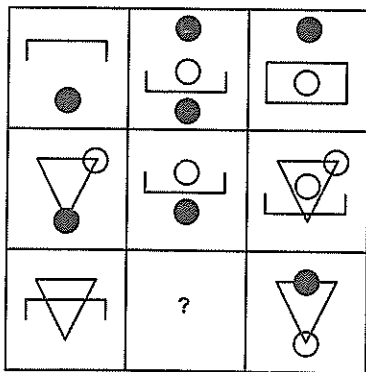
FIGURE RELATIONS

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 1
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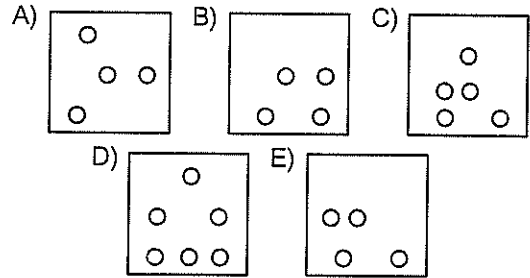
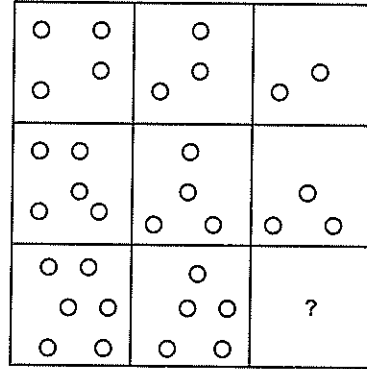
1.



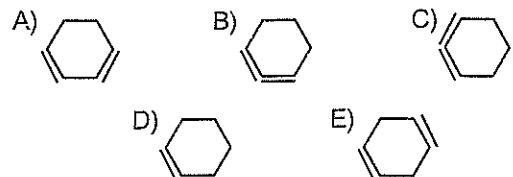
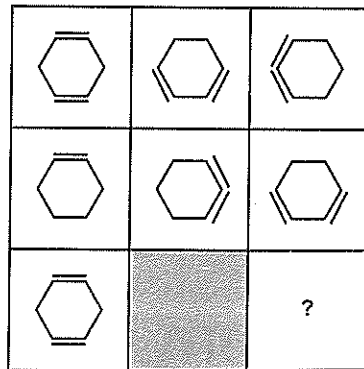
2.



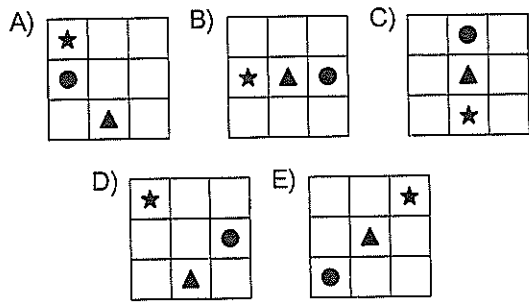
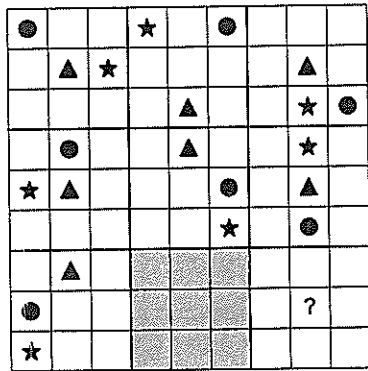
3.



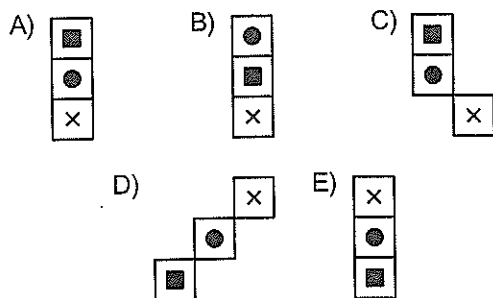
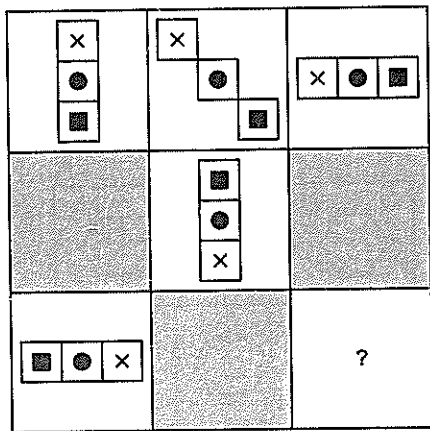
4.



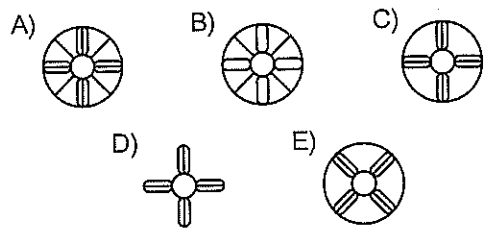
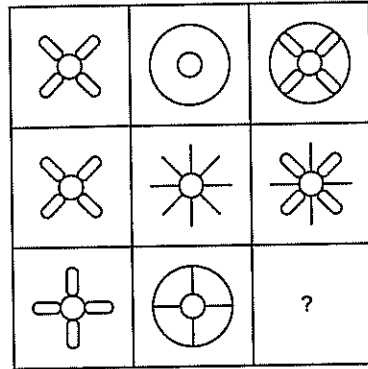
5.



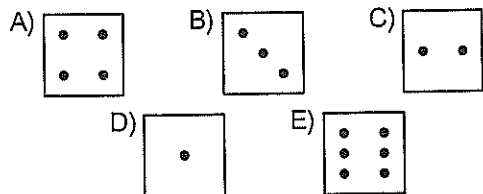
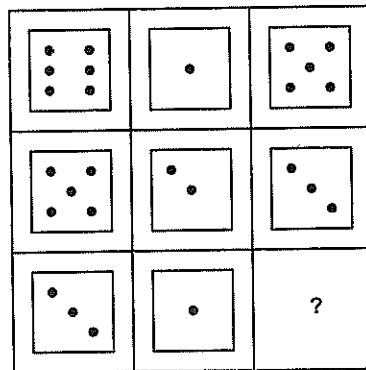
6.



7.



8.



CEVAPLAR / ANSWERS

1-E	2-C	3-B	4-C	5-D	6-E
7-C	8-C				

BÖLÜM 8
CHAPTER 8

ŞEKİL BAĞINTILARI
FIGURE RELATIONS

TEST - 2

1. Farklı olanı bulunuz.

- A) KEDİ
B) ÖRDEK
C) ASLAN
D) KAZ
E) ANAKONDA

2. Farklı olanı bulunuz.

- A) TAVUK
B) ÖRDEK
C) KAZ
D) İNEK
E) PAPAĞAN

3. Farklı olanı bulunuz.

- A) FUTBOL
B) BASKETBOL
C) HATBOL
D) VOLEYBOL
E) PAİNTBOL

4. Farklı olanı bulunuz.

- A) ELMA
B) MUZ
C) KIVI
D) ANANAS
E) SALATALIK

5. Farklı olanı bulunuz.

- A) AĞABEY
B) BABA
C) AMCA
D) HALA
E) DAYI

6. Farklı olanı bulunuz.

- A) SATRANÇ
B) DAMA
C) GO
D) MANGALA
E) PICTUREKA

7. Farklı olanı bulunuz.

- A) İZMİR
B) İSTANBUL
C) FETHİYE
D) ANKARA
E) SAMSUN

8. Farklı olanı bulunuz.

- A) ANKARA
B) AFYON
C) DENİZLİ
D) KÜTAHYA
E) UŞAK

9. Farklı olanı bulunuz.

- A) İSTANBUL
B) İZMİR
C) FETHİYE
D) BODRUM
E) DENİZLİ

10. Farklı olanı bulunuz.

- A) APARTMAN
B) DAİRE
C) MÜSTAKİL
D) DUBLEX
E) CAMİ

11. Farklı olanı bulunuz.

- A) BİLGİSAYAR
B) TELEFON
C) TABLET
D) BUZDOLABI
E) KULAKLIK

12. Farklı olanı bulunuz.

- A) ALİ
B) ARDA
C) CAN
D) CEM
E) EDA

CEVAPLAR / ANSWERS

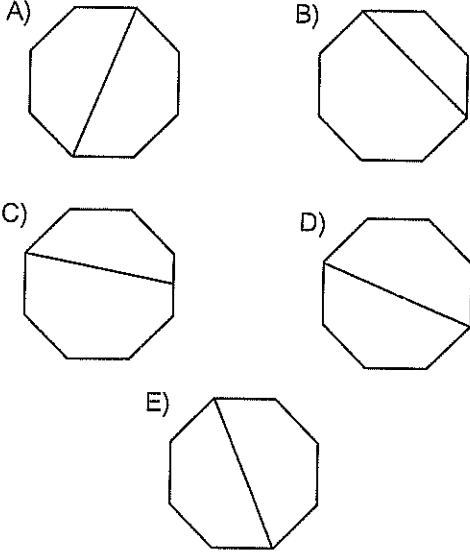
1-E	2-D	3-E	4-E	5-D	6-E
7-C	8-A	9-E	10-E	11-D	12-B

BÖLÜM 8
CHAPTER 8

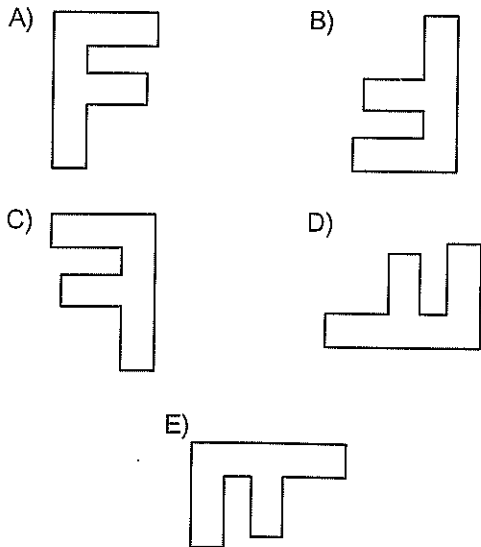
ŞEKİL BAĞINTILARI
FIGURE RELATIONS

TEST - 3

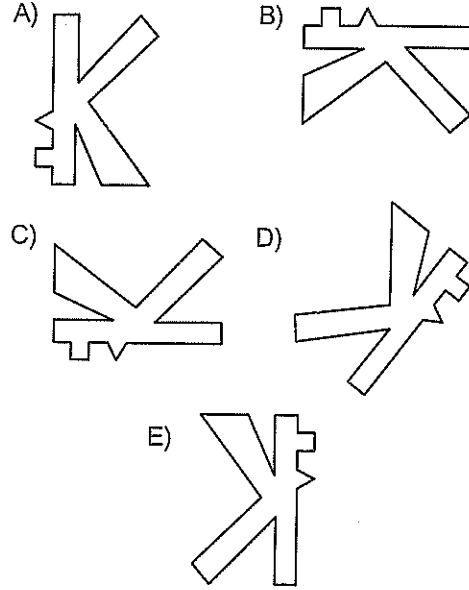
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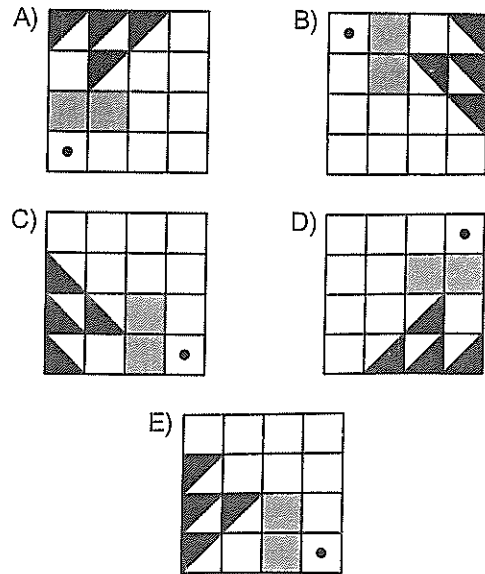
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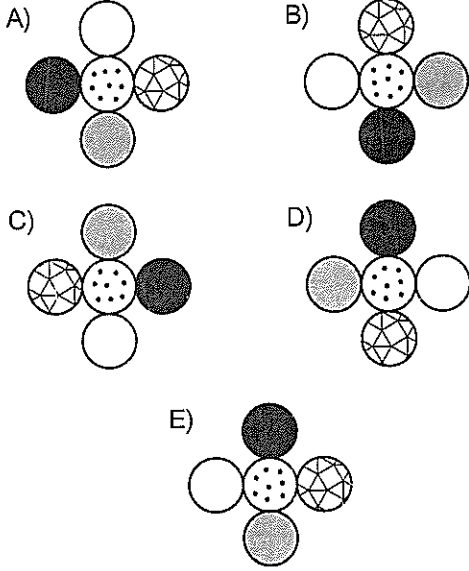
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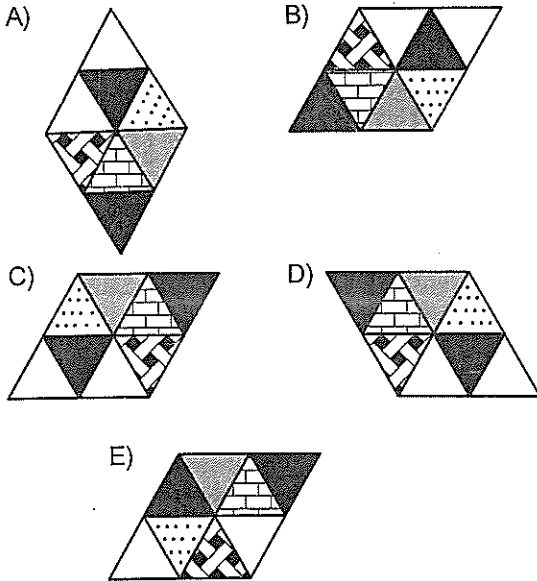
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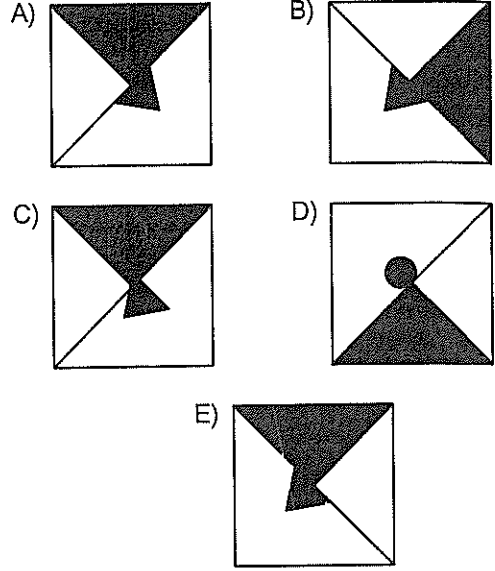
5. Aşağıdaki şekillerden hangisi diğerlerinden farklıdır?



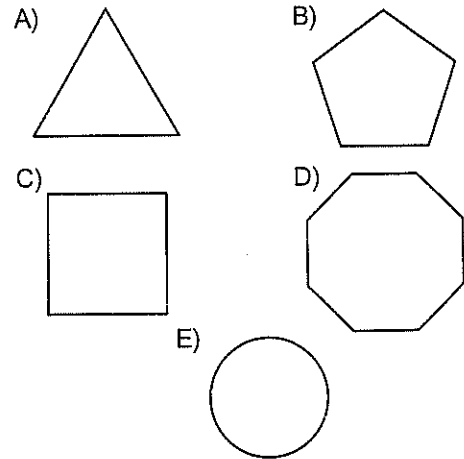
6. Aşağıdaki şekillerden hangisi diğerlerinden farklıdır?



7. Aşağıdaki şekillerden hangisi diğerlerinden farklıdır?



8. Aşağıdaki şekillerden hangisi diğerlerinden farklıdır?

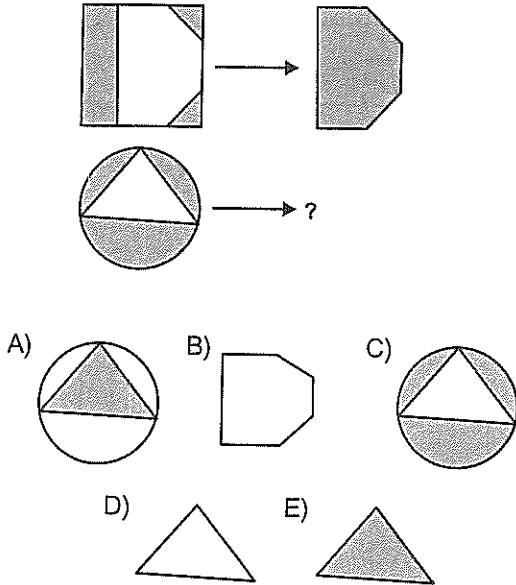


CEVAPLAR / ANSWERS

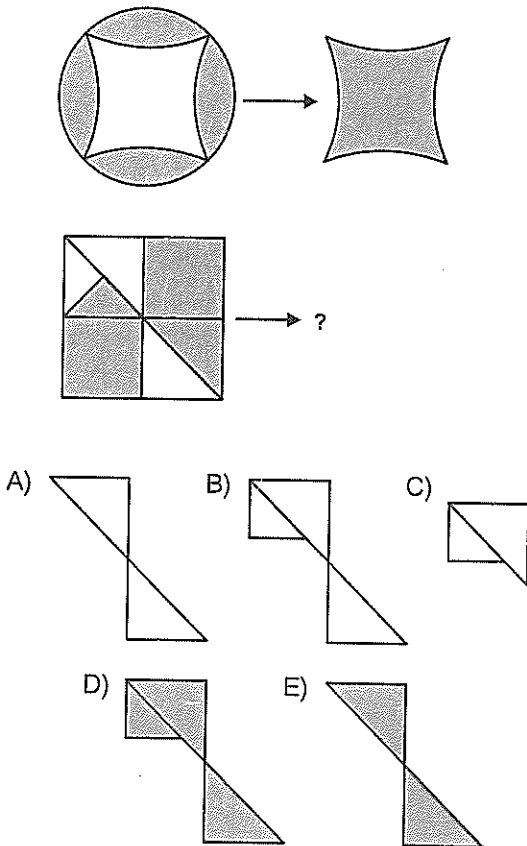
1-B	2-A	3-C	4-E	5-E	6-E
7-D	8-E				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 4
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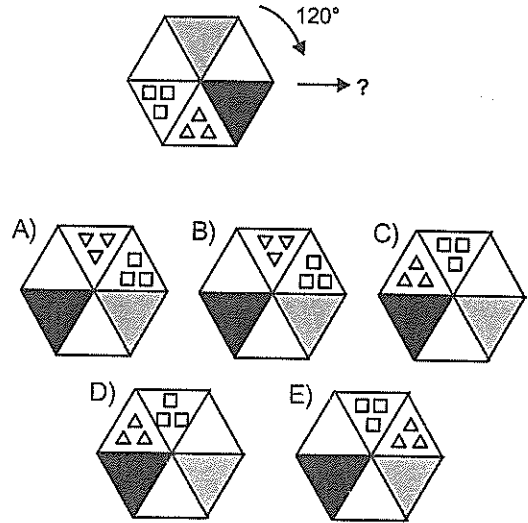
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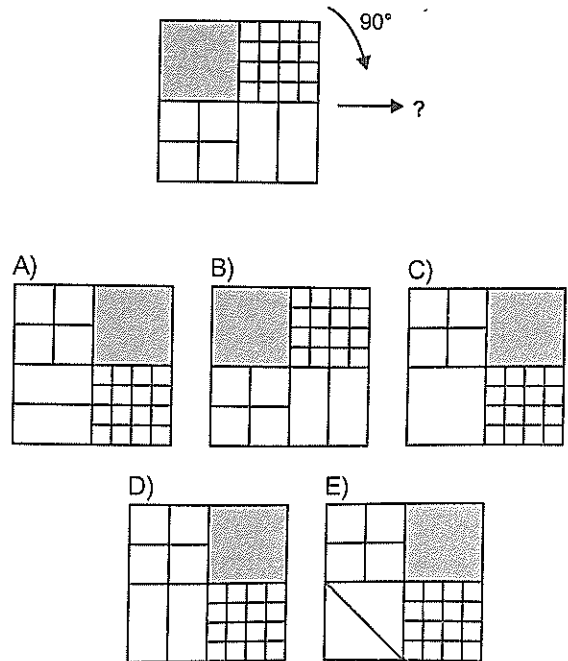
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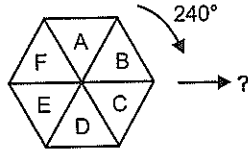
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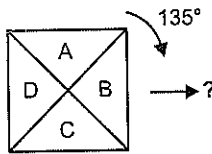


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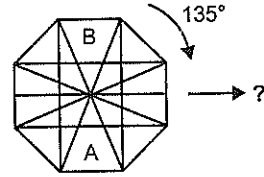
- A)
- B)
- C)
- D)
- E)

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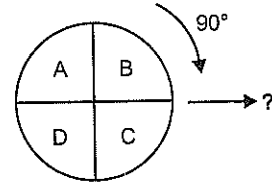
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- B)
- C)
- D)
- E)

7.



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

8.

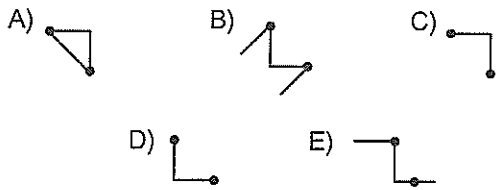
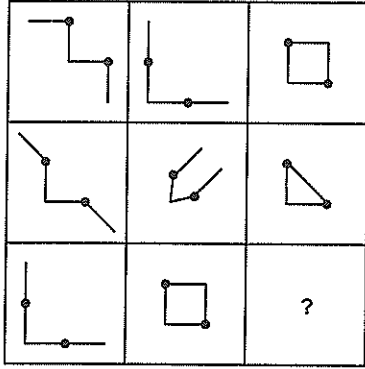


- A)
- B)
- C)
- D)
- E)

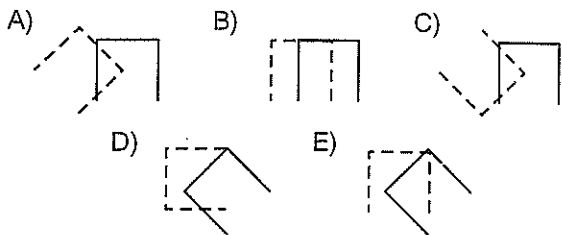
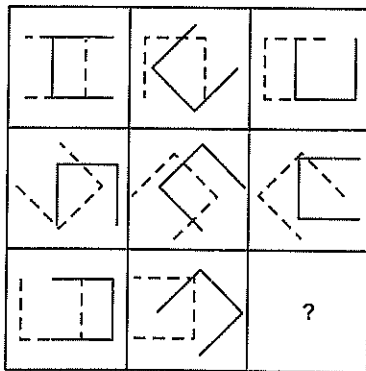
CEVAPLAR / ANSWERS					
1-E	2-D	3-C	4-A	5-D	6-D
7-A	8-D				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 5
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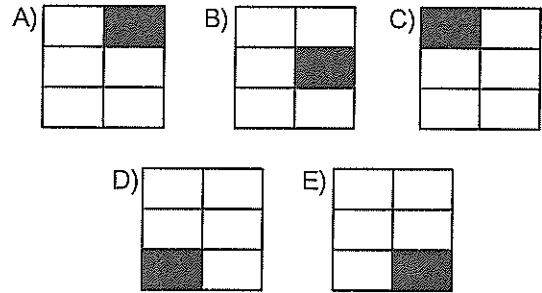
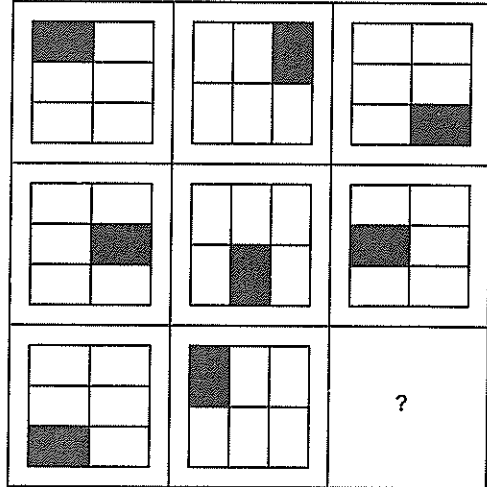
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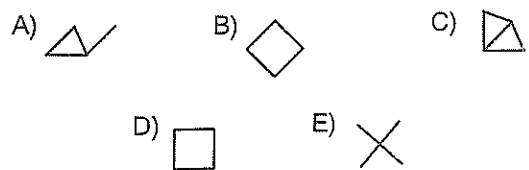
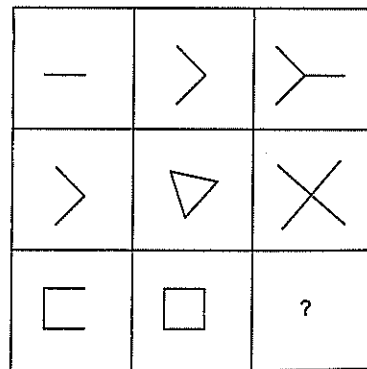
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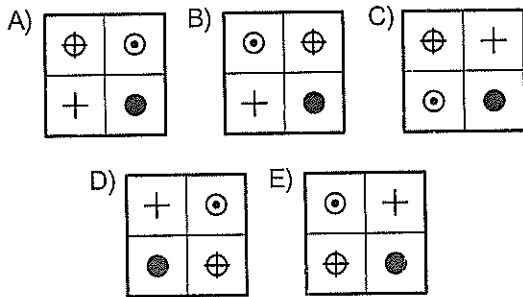
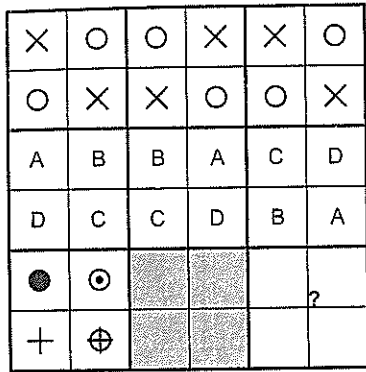
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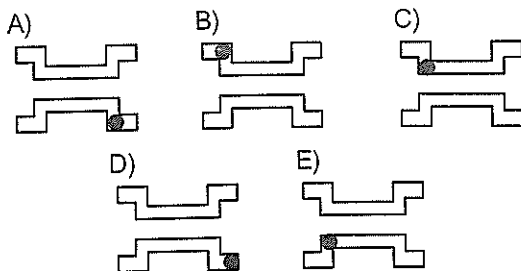
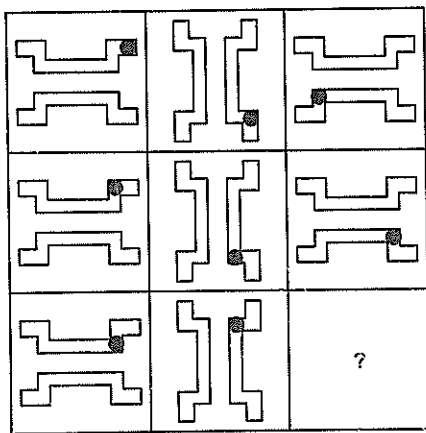
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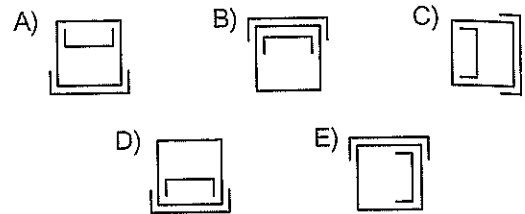
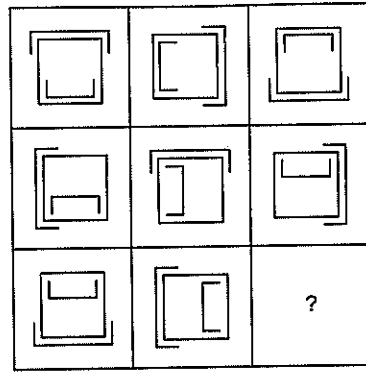
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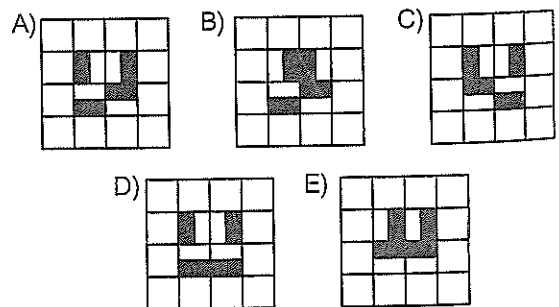
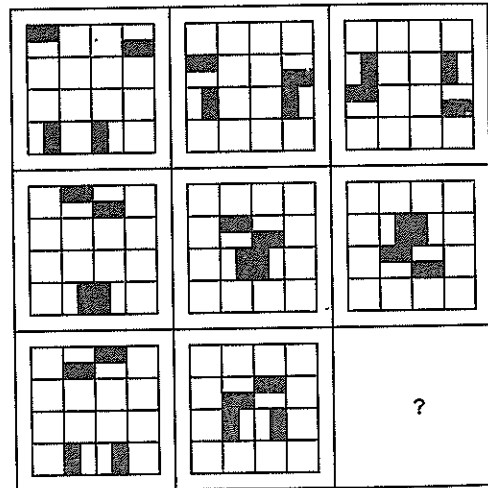
6.



7.



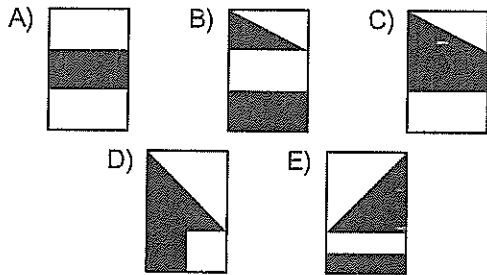
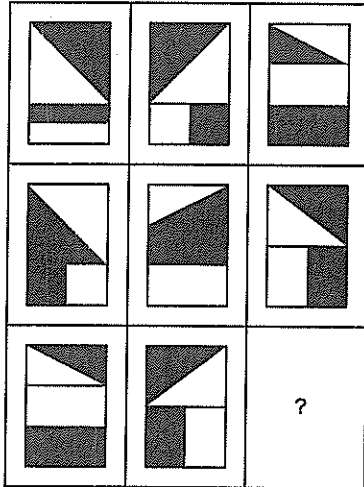
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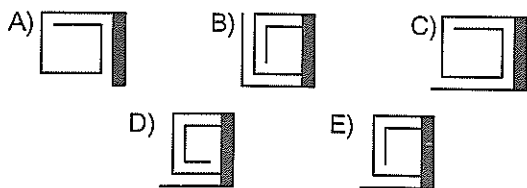
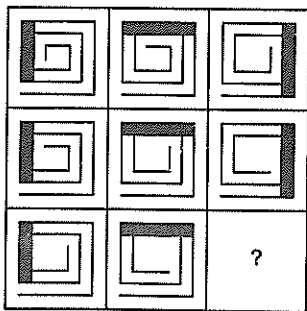
CEVAPLAR / ANSWERS					
1-D	2-B	3-A	4-E	5-C	6-A
7-B	8-A				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 6
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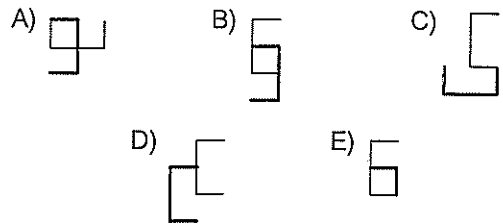
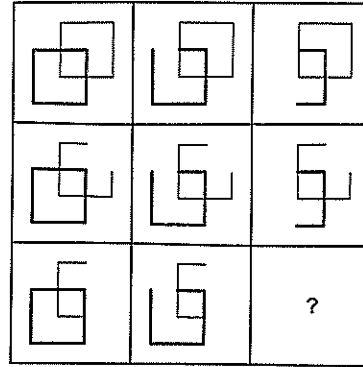
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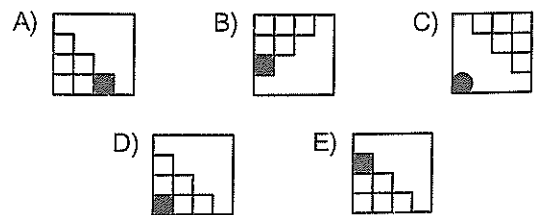
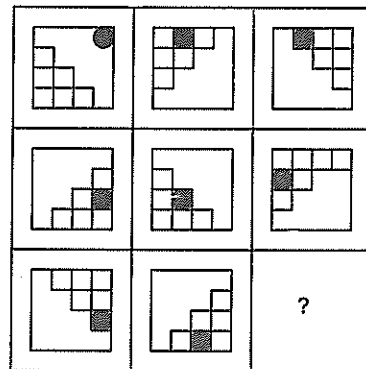
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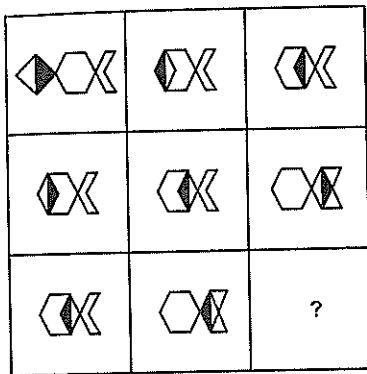
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4.

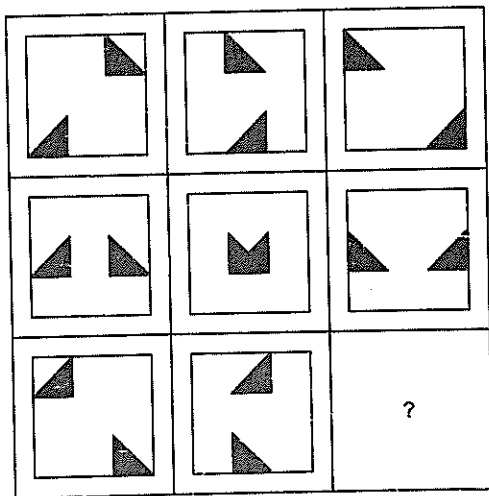


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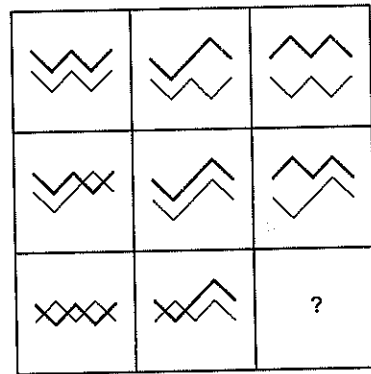
- A) B) C)
 D) E)

6.



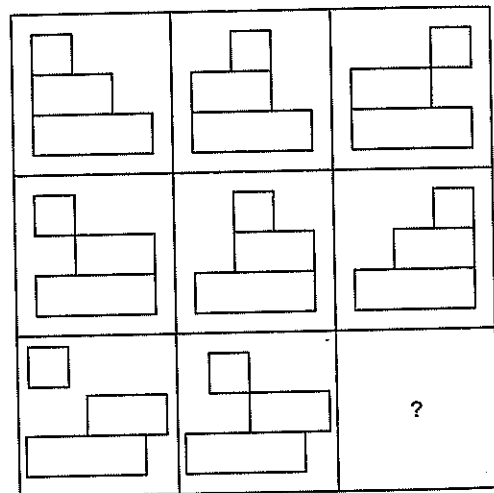
- A) B) C)
 D) E)

7.



- A) B) C)
 D) E)

8.

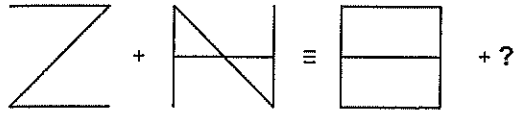


- A) B) C)
 D) E)

CEVAPLAR / ANSWERS					
1-C	2-E	3-B	4-D	5-A	6-D
7-E	8-A				

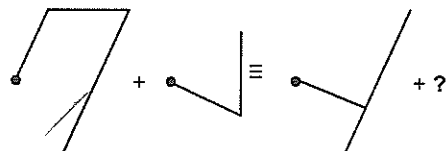
BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 7
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1.



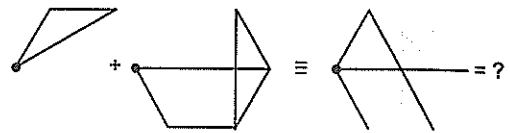
- A) B) C) D) E)

2.



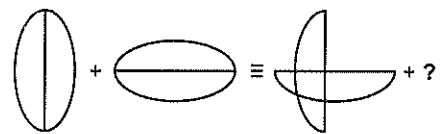
- A) B) C) D) E)

3.



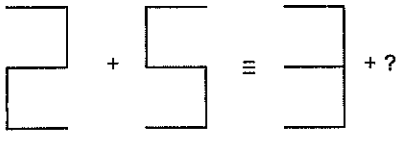
- A) B) C) D) E)

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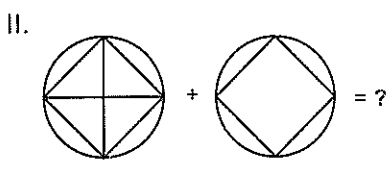
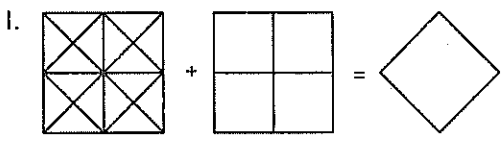
- A) B) C) D) E)

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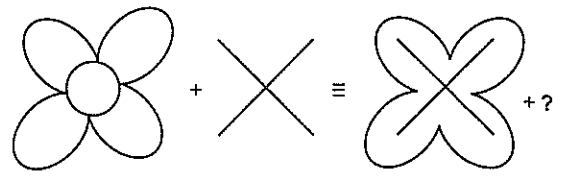
- A)
- B)
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- D)
- E)

6.



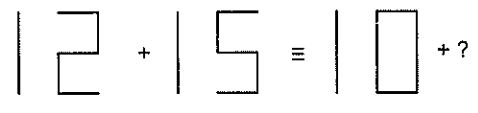
- A)
- B)
- C)
- D)
- E)

7.



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

8.

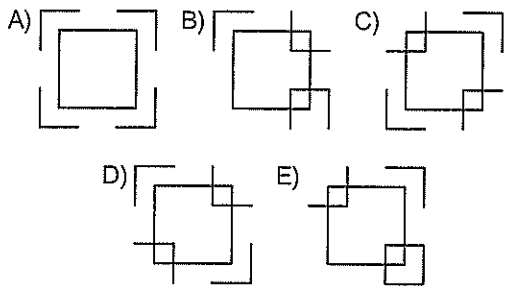
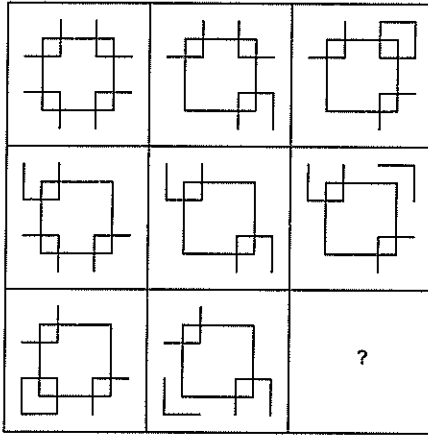


- A)
- B)
- C)
- D)
- E)

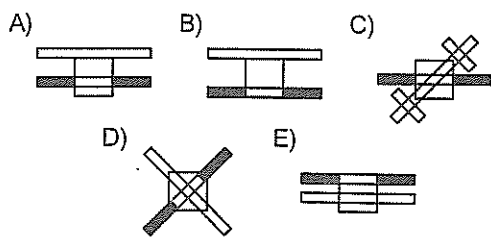
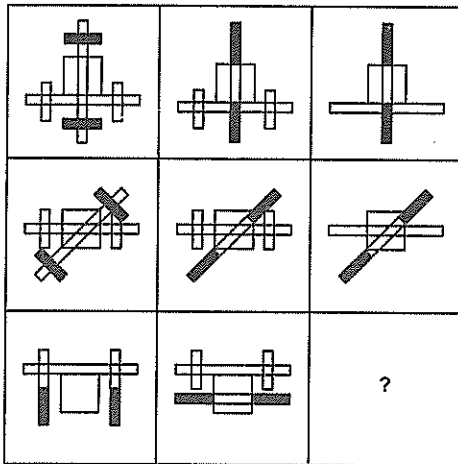
CEVAPLAR / ANSWERS					
1-B	2-A	3-C	4D	5-C	6-E
7-E	8-C				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 8
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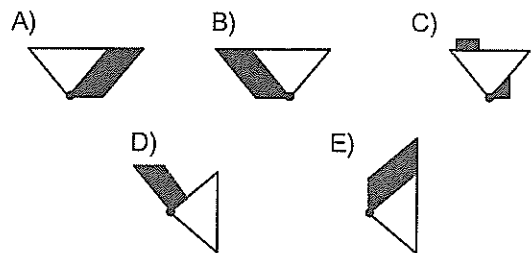
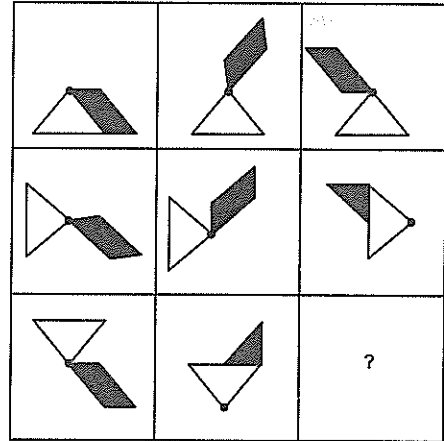
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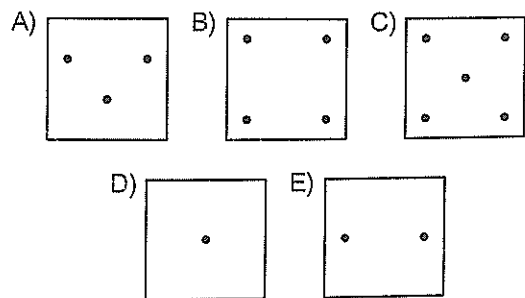
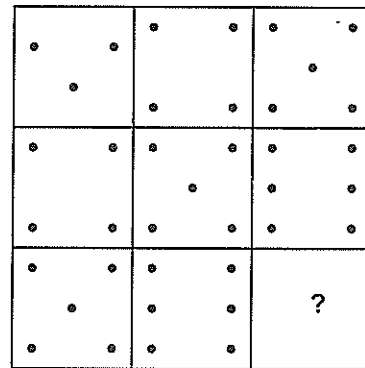
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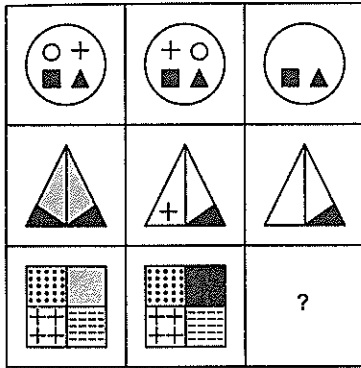
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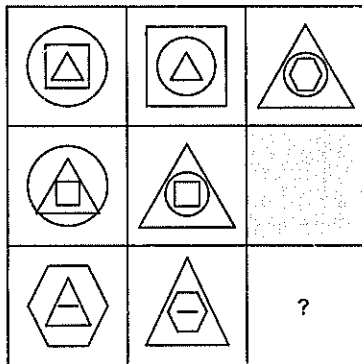


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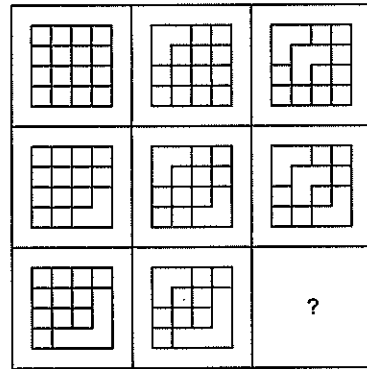
- A) B) C) D) E)

6.



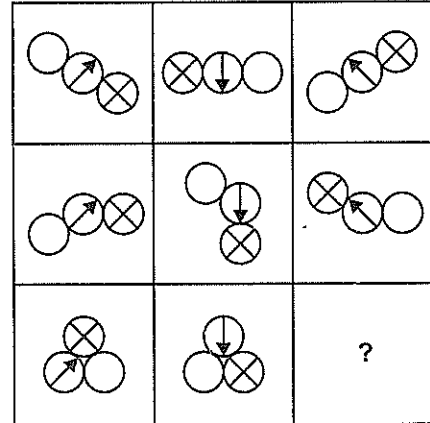
- A) B) C) D) E)

7.



- A) B) C) D) E)

8.

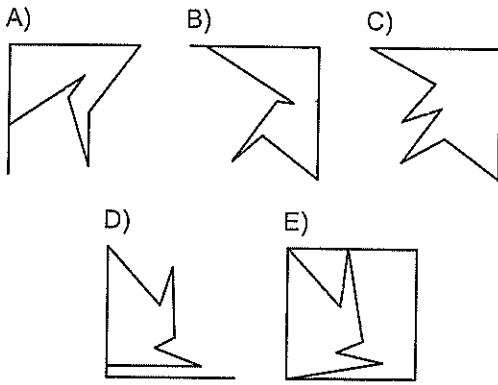
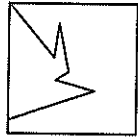


- A) B) C) D) E)

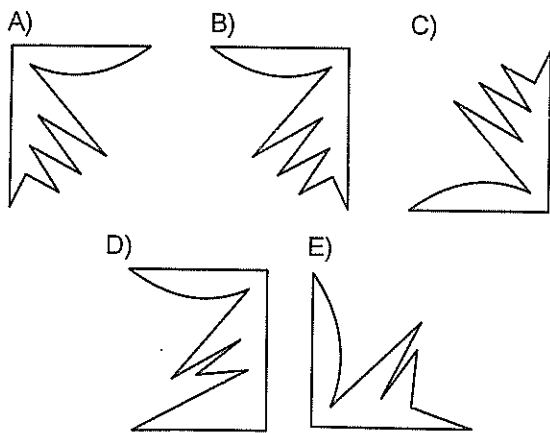
CEVAPLAR / ANSWERS					
1-C	2-A	3-B	4-D	5-E	6-E
7-C	8-B				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 9
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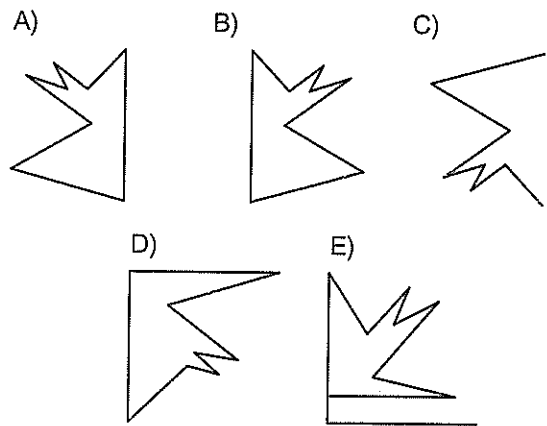
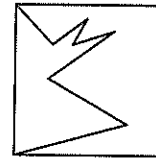
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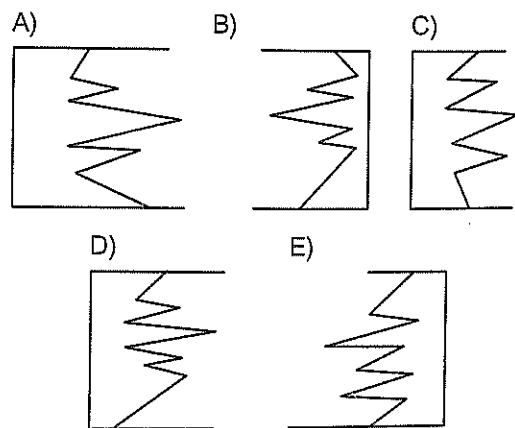
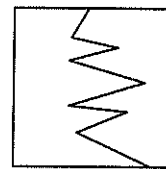
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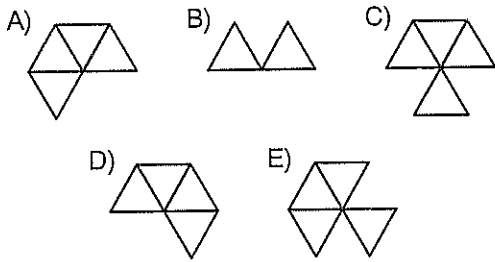
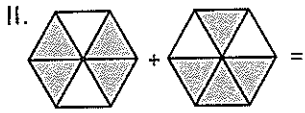
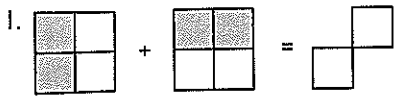
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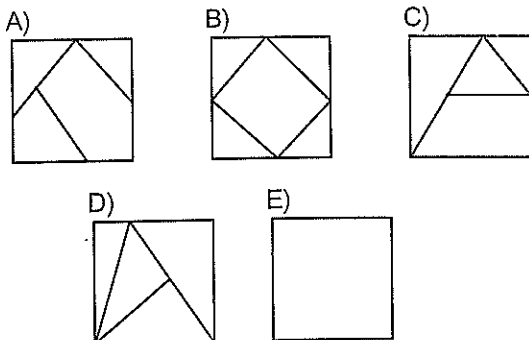
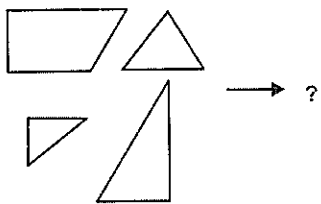
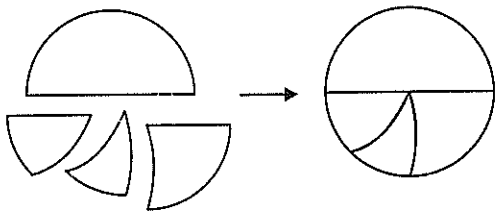
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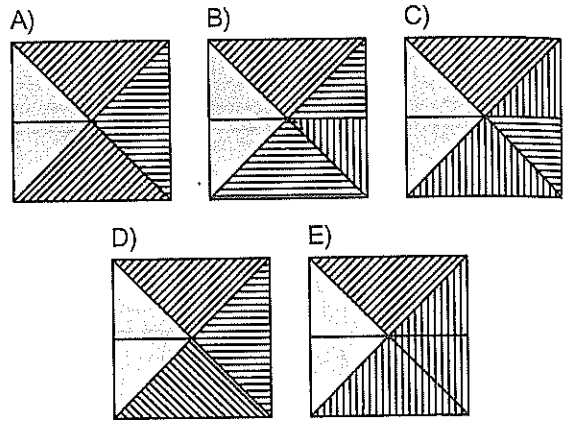
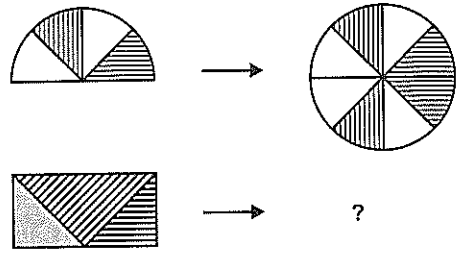
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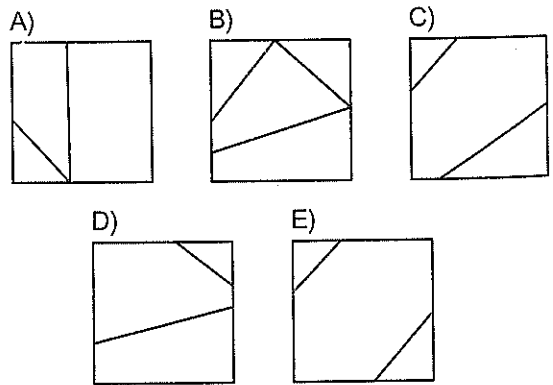
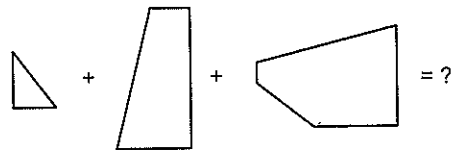
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7.



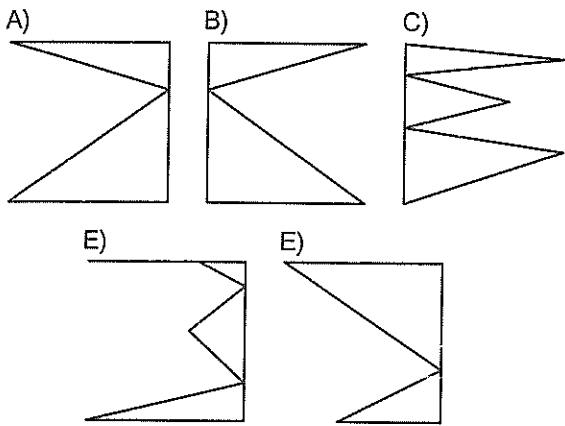
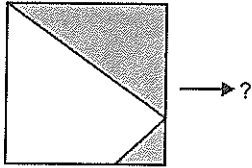
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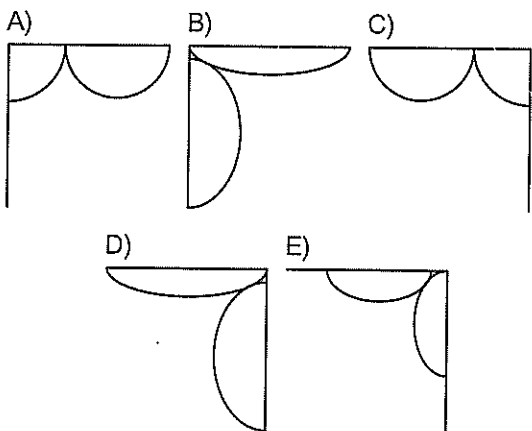
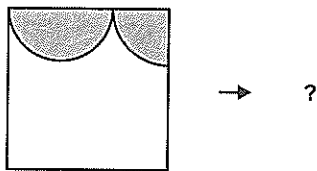
CEVAPLAR / ANSWERS					
1-D	2-A	3-B	4-A	5-C	6-C
7-D	8-D				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 10
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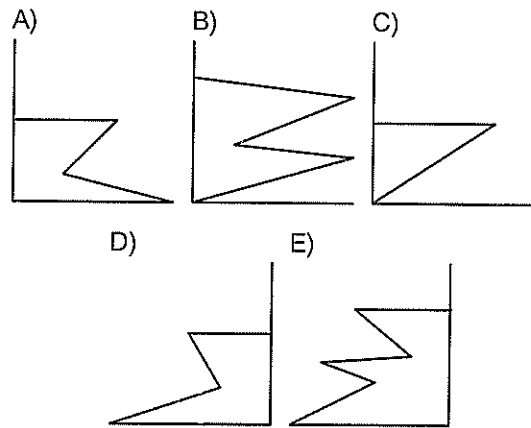
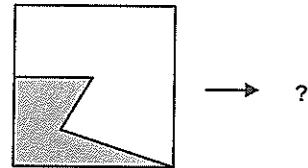
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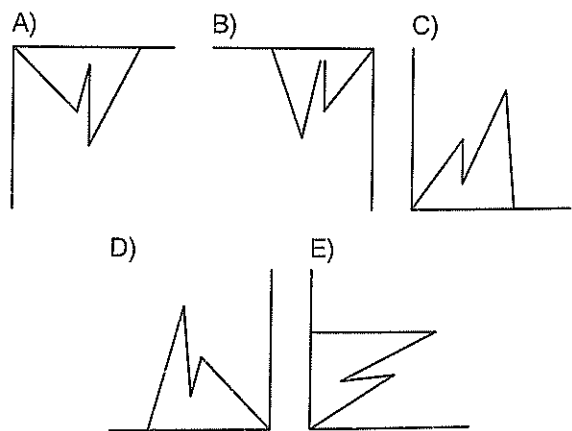
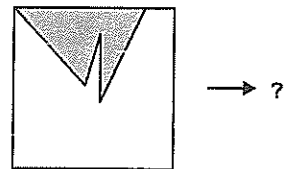
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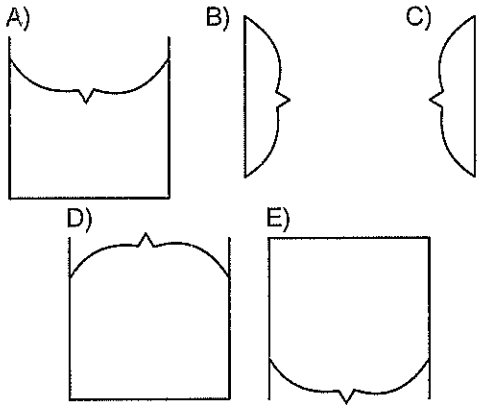
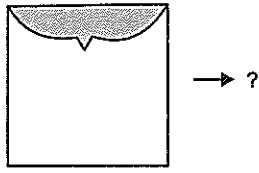
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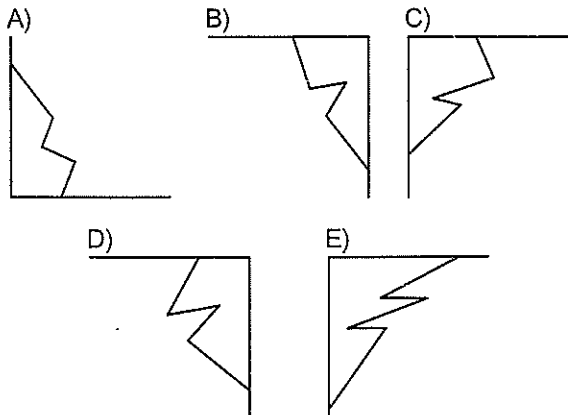
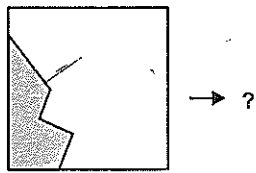
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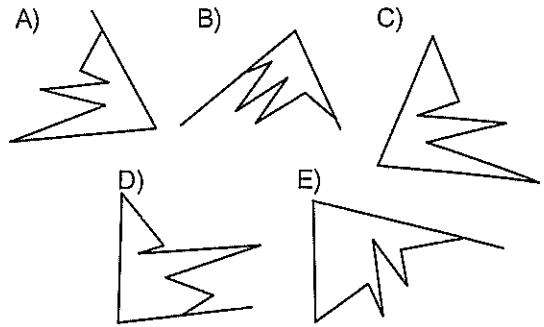
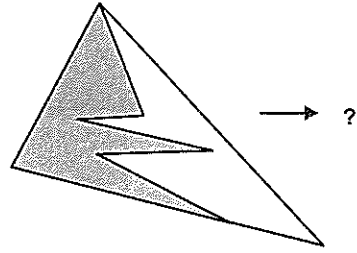
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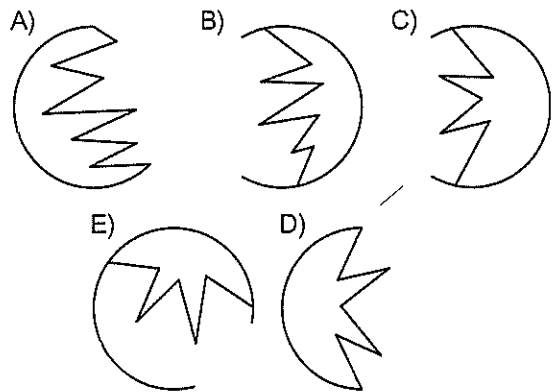
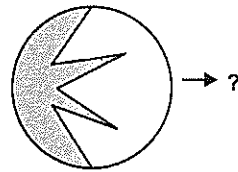
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7.



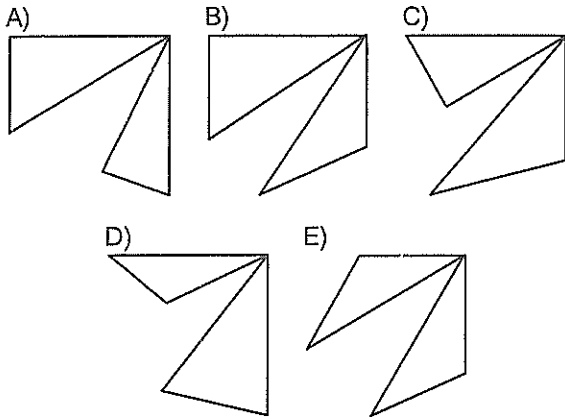
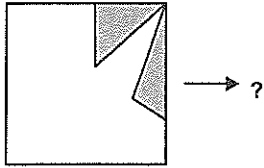
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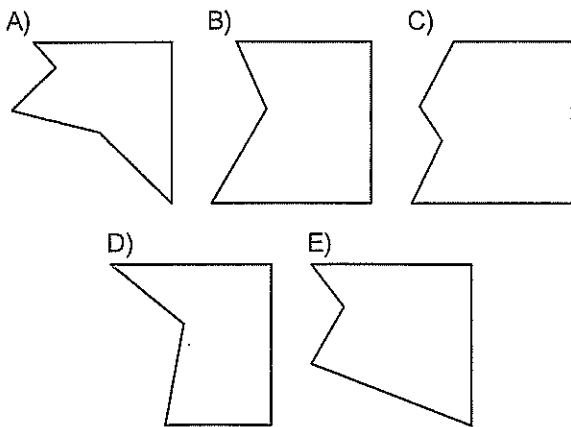
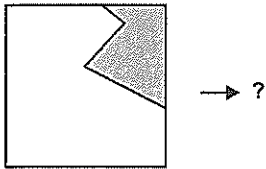
CEVAPLAR / ANSWERS					
1-E	2-C	3-A	4-A	5-A	6-A
7-C	8-E				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 11
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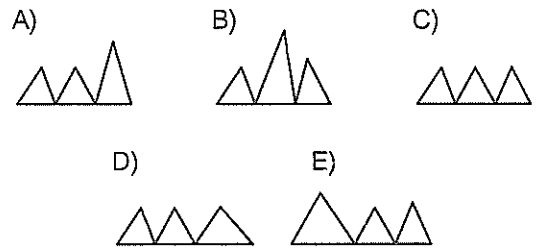
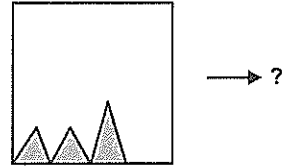
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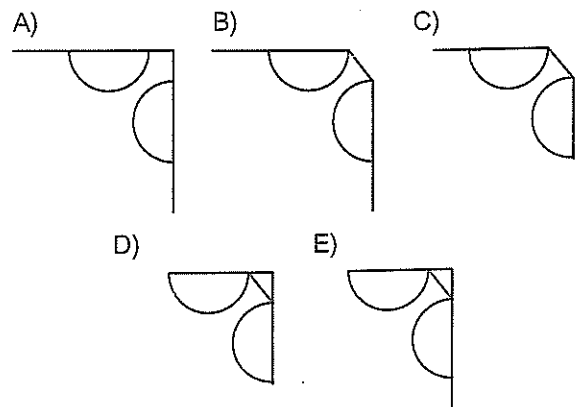
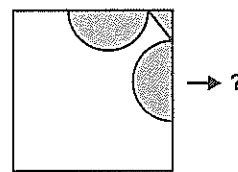
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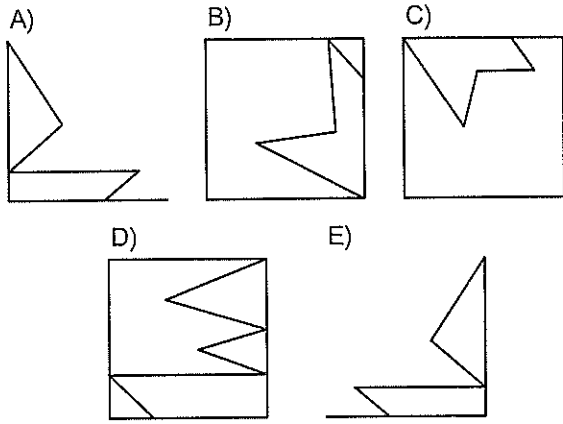
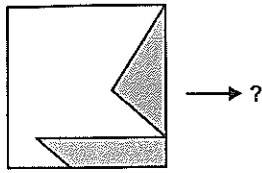
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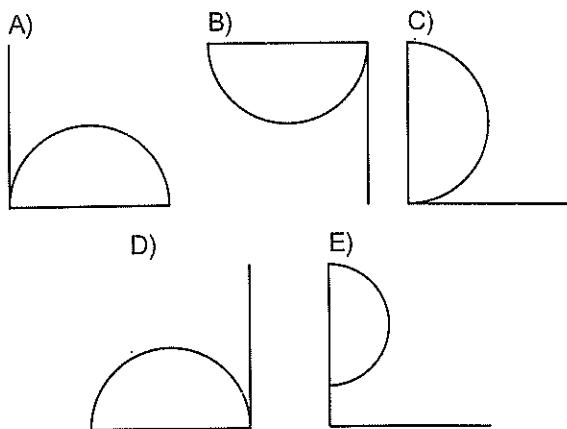
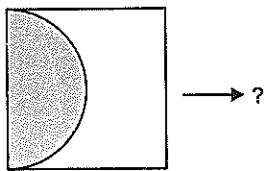
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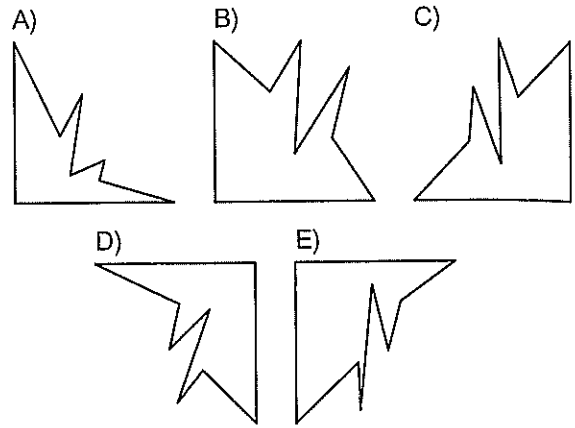
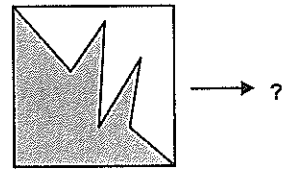
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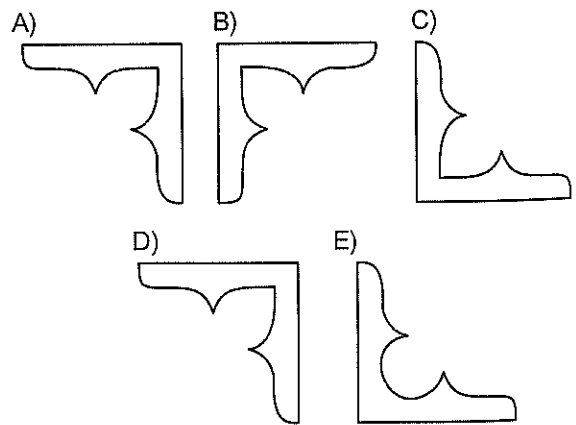
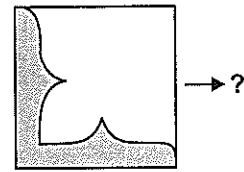
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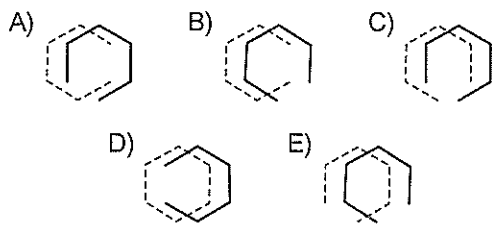
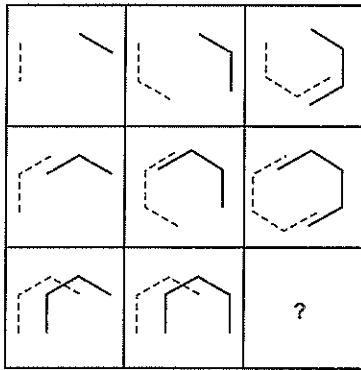
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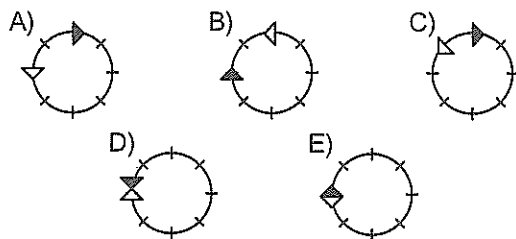
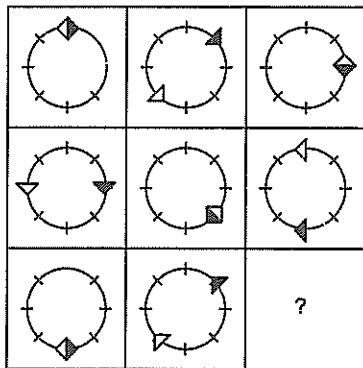
CEVAPLAR / ANSWERS					
1-A	2-E	3-A	4-D	5-E	6-C
7-B	8-C				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 12
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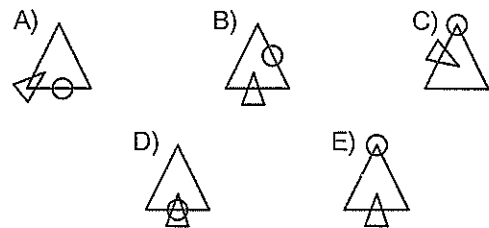
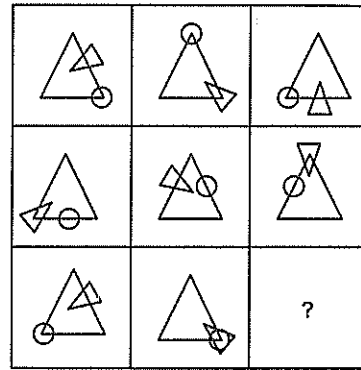
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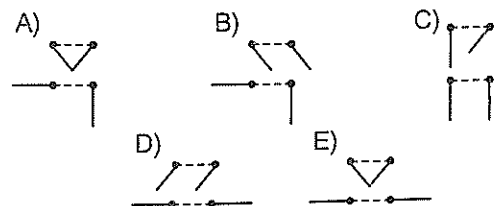
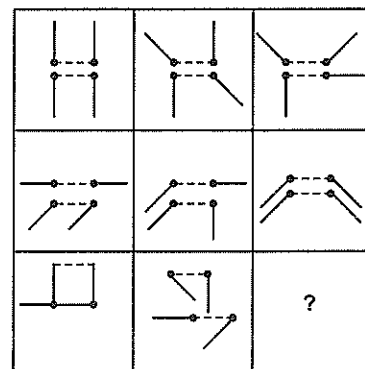
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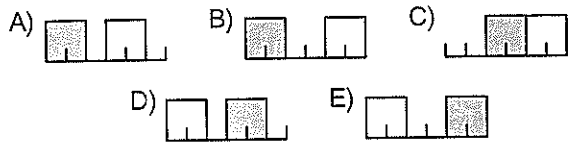
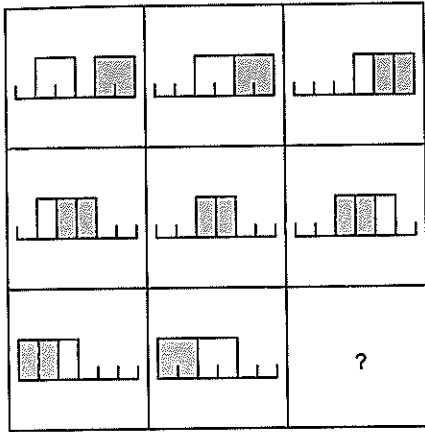
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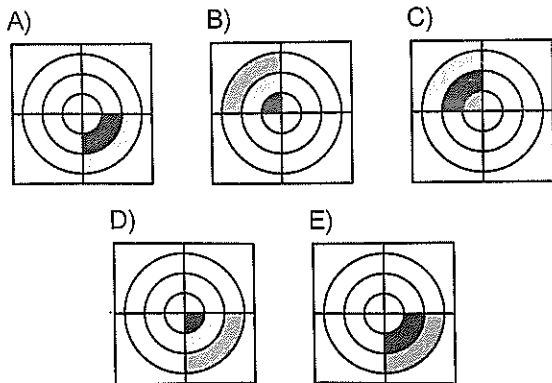
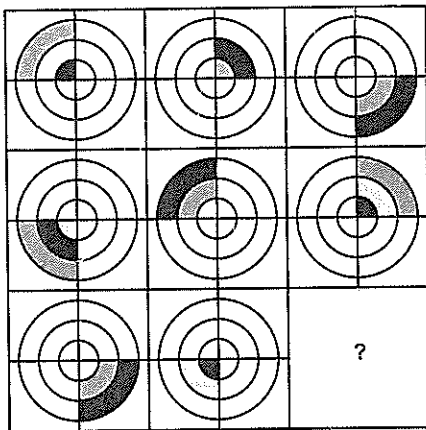
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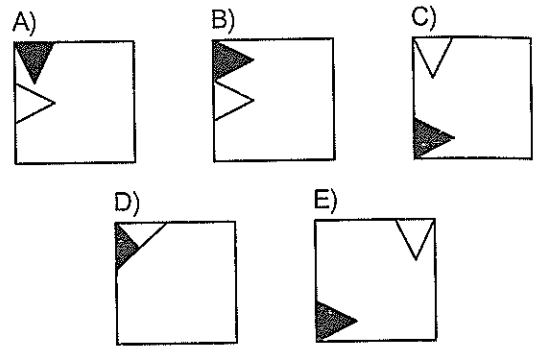
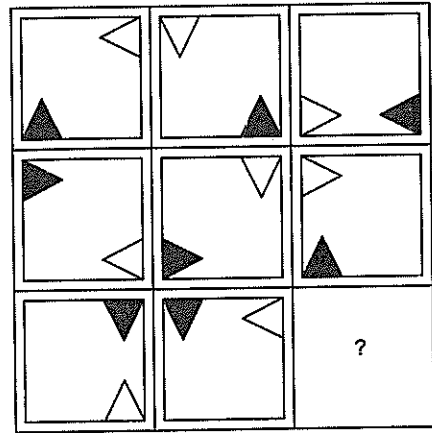
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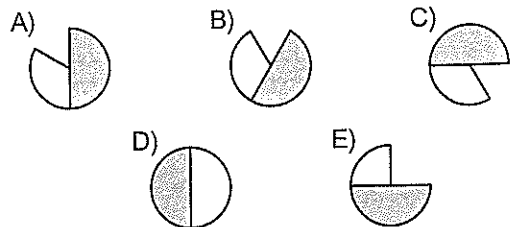
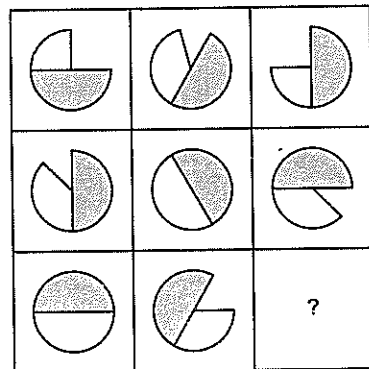
6.



7.



8.



CEVAPLAR / ANSWERS					
1-C	2-E	3-E	4-E	5-A	6-C
7-D	8-D				

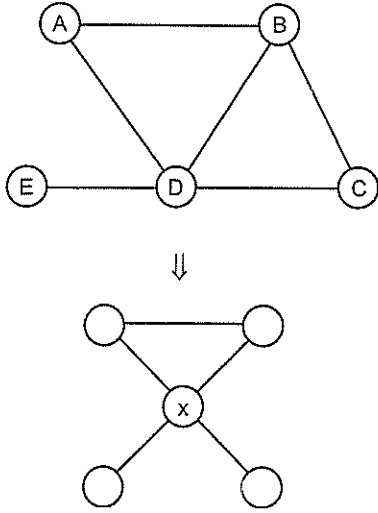
BÖLÜM 8
CHAPTER 8

ŞEKİL BAĞINTILARI
FIGURE RELATIONS

TEST - 13

- ★ Bağlantı sayısı ile başlayan sayılar arasında 1-1 eşleme yapılır.
- ★ Şekiller aynıdır, sadece yer değişmiş kutucuklar vardır.

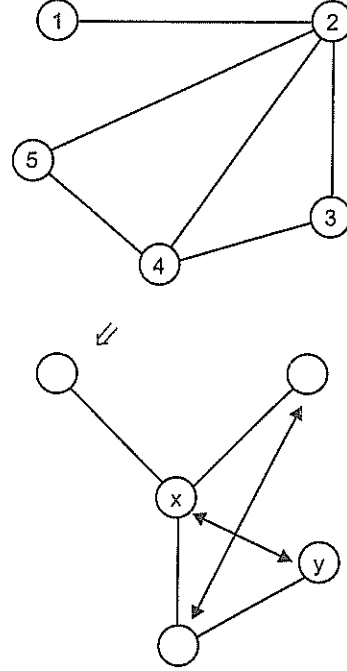
1.



X = ?, Y = ?

	<u>X</u>	<u>Y</u>
A)	D	C
B)	D	E
C)	A	B
D)	A	D
E)	B	E

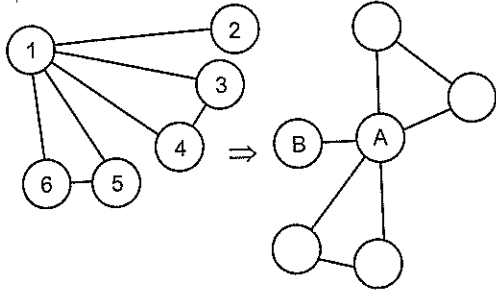
2.



X = ?, Y = ?

	<u>X</u>	<u>Y</u>
A)	1	2
B)	1	3
C)	2	4
D)	2	3
E)	4	2

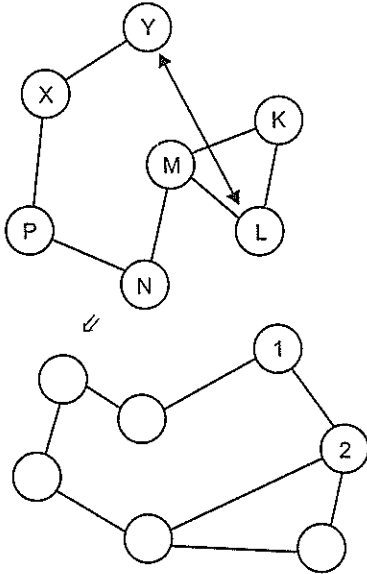
3.



A = ?, B = ?

	A	B
A)	1	2
B)	1	3
C)	3	1
D)	2	1
E)	2	3

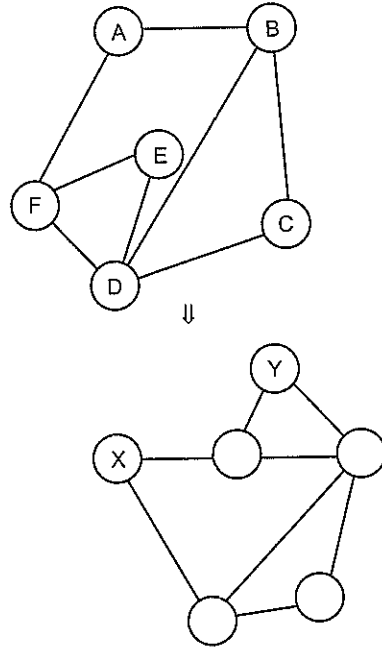
4.



1 = ?, 2 = ?

	1	2
A)	L	Y
B)	M	Y
C)	Y	M
D)	Y	L
E)	L	R

5.



X = ?, Y = ?

	X	Y
A)	A	C
B)	B	D
C)	C	B
D)	D	A
E)	E	A

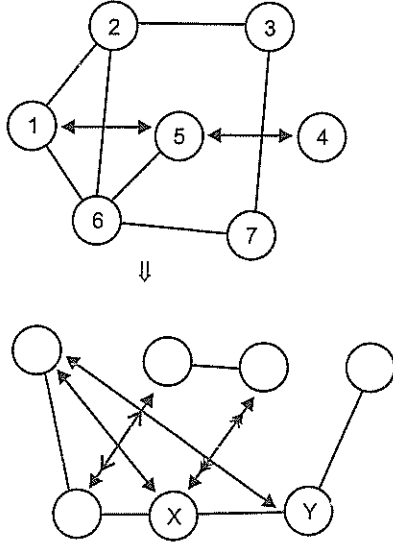
CEVAPLAR / ANSWERS					
1-B	2-D	3-A	4-D	5-A	

BÖLÜM 8
CHAPTER 8

ŞEKİL BAĞINTILARI
FIGURE RELATIONS

TEST - 14

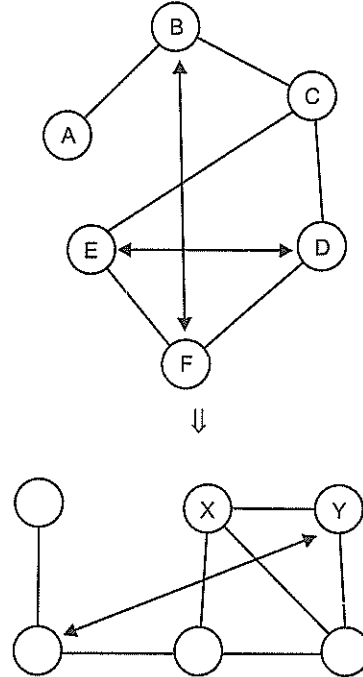
1.



X = ?, Y = ?

- | | <u>X</u> | <u>Y</u> |
|----|----------|----------|
| A) | 3 | 4 |
| B) | 6 | 4 |
| C) | 3 | 5 |
| D) | 6 | 5 |
| E) | 1 | 6 |

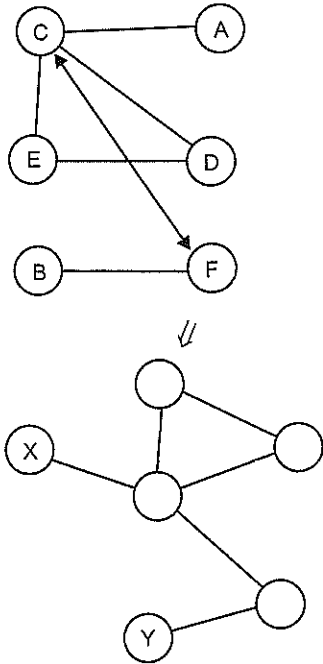
2.



X = ?, Y = ?

- | | <u>X</u> | <u>Y</u> |
|----|----------|----------|
| A) | B | E |
| B) | B | A |
| C) | E | F |
| D) | A | B |
| E) | F | E |

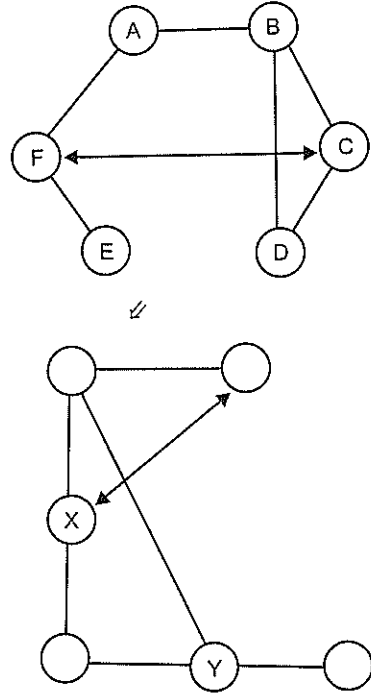
3.



X = ?, Y = ?

- | | <u>X</u> | <u>Y</u> |
|----|----------|----------|
| A) | B | A |
| B) | B | C |
| C) | B | D |
| D) | A | B |
| E) | A | D |

4.



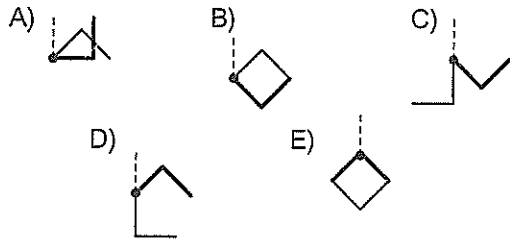
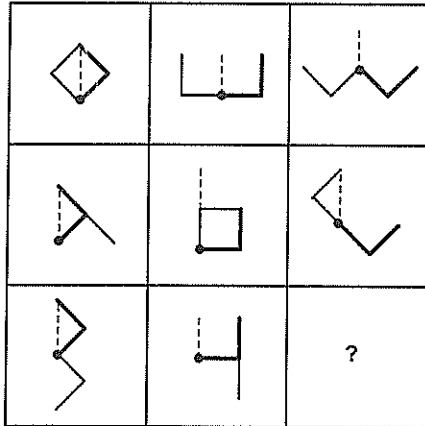
X = ?, Y = ?

- | | <u>X</u> | <u>Y</u> |
|----|----------|----------|
| A) | B | F |
| B) | F | B |
| C) | F | A |
| D) | B | A |
| E) | B | E |

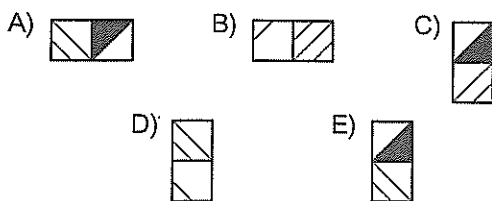
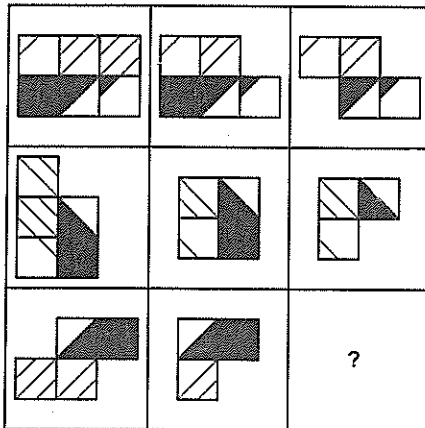
CEVAPLAR / ANSWERS					
1-D	2-C	3-D	4-A		

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 15
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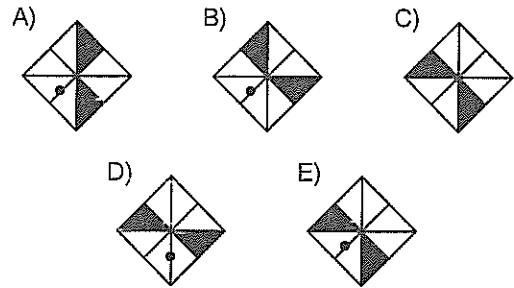
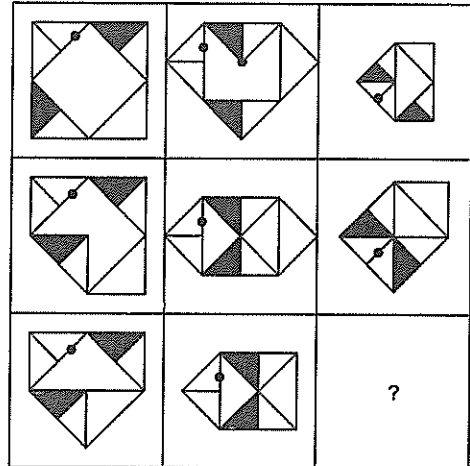
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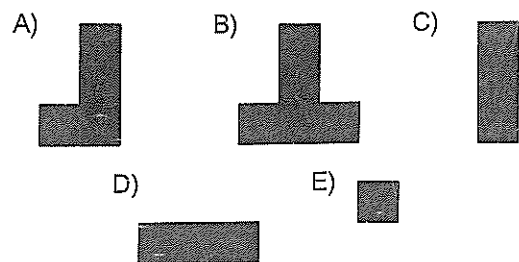
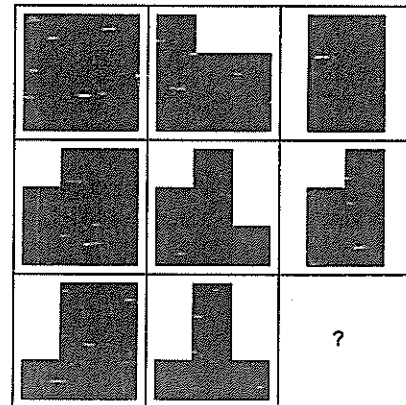
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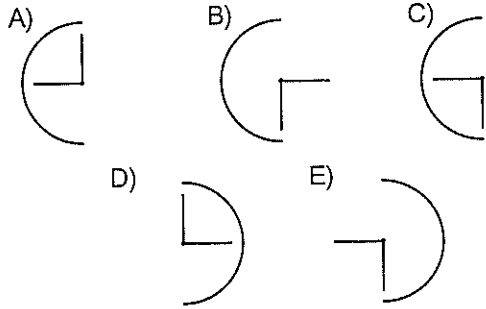
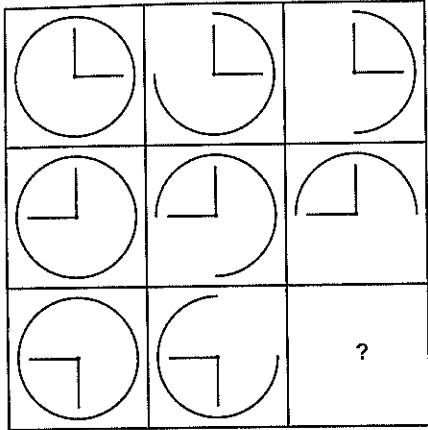
3.



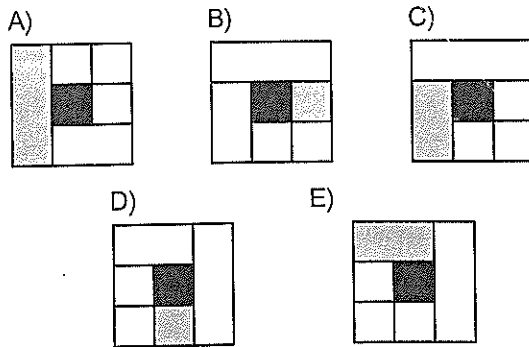
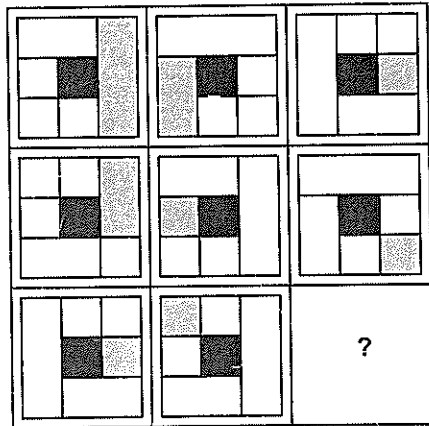
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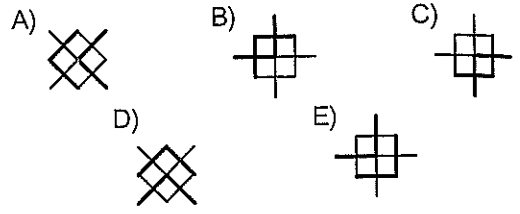
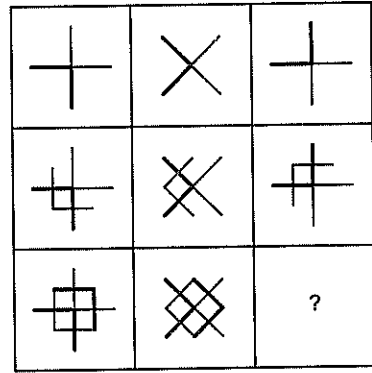
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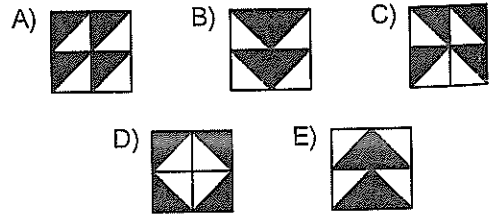
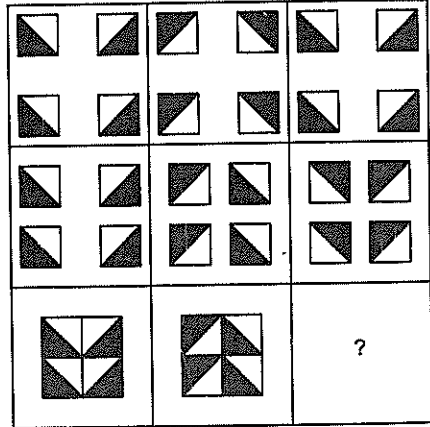
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7.



8.



CEVAPLAR / ANSWERS					
1-B	2-C	3-E	4-A	5-C	6-D
7-E	8-B				

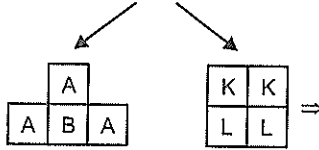
BÖLÜM 8
CHAPTER 8

ŞEKİL BAĞINTILARI
FIGURE RELATIONS

TEST - 16

1.

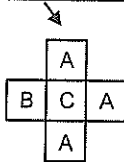
●	○	★	▲	●	☺	☺	☺	☺
▲	●	△	★	△	★	★	☺	☺
□	■	▲	△	▲	△	★	★	●
△	○	▲	●	●	●	▲	○	△
■	★	★	△	★	★	☺	▲	●
○	★	△	□	△	■	□	○	□
●	□	▲	■	○	●	★	○	■
▲	■	★	□	▲	☺	★	●	□



- A) B) C) D) E)
 B-
 K- ☺ ☺ ☺ ★ ★

2.

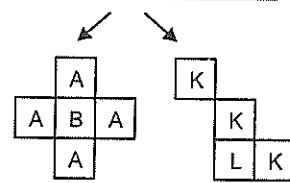
M	C	K	H	L	M	L
C	D	H	M	N	K	N
L	K	M	K	M	N	K
C	D	M	M	N	L	N
D	M	N	H	L	C	L
C	C	D	M	C	D	H
H	L	H	C	H	M	H



- A) B) C) D) E)
 A- M L N N K
 B- N M K M N
 C- K K M K M

3.

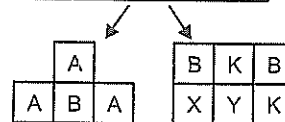
M	K	M	R	P	P	M	O
K	N	K	R	P	S	N	M
K	L	N	O	L	O	M	K
K	M	M	L	O	L	K	L
L	C	N	R	M	L	M	O
C	N	C	N	L	M	N	K
N	C	P	M	N	N	M	L
M	L	L	R	P	S	S	M



- A) B) C) D) E)
 B- L K L K M
 L- K K L L K

4.

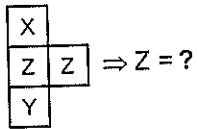
2	1	4	7	4	7
1	4	1	4	8	5
5	6	5	8	7	9
7	5	3	1	2	1
6	3	2	3	4	2
9	7	9	5	2	7
5	9	7	8	9	7



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

5.

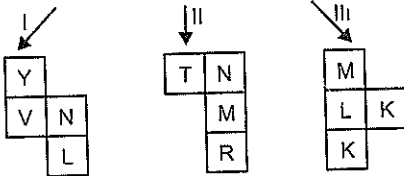
A	A	M	E	L	E	K
E	Z	K	R	A	M	E
E	L	A	E	B	D	L
F	F	N	M	B	B	E
E	D	K	E	L	A	K
G	C	C	M	A	D	D
H	D	K	A	L	Ç	A
İ	H	J	S	A	R	L



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

6.

△	■	★	○	△
■	⊗	□	△	⬠
○	□	★	●	△
⬠	△	⬠	⬠	■
○	⊗	●	⬠	★

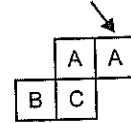


K = ?, N = ?, V = ?

- | | | | |
|----|----------|----------|----------|
| | <u>K</u> | <u>N</u> | <u>V</u> |
| A) | □ | ⊗ | ⬠ |
| B) | □ | △ | ⬠ |
| C) | △ | △ | ⬠ |
| D) | ○ | ⊗ | ● |
| E) | △ | ■ | ⬠ |

7.

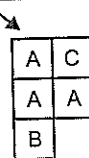
△	☾	★	☾	△	▲	☾
□	★	□	★	△	☾	■
☾	☾	■	☾	△	▲	□
▲	□	△	▲	△	☾	☾
△	☾	■	△	□	●	☾
△	▲	□	★	●	★	△
▲	□	△	☾	☾	△	☾



- | | | | | |
|-----------|-----------|-----------|-----------|-----------|
| <u>A)</u> | <u>B)</u> | <u>C)</u> | <u>D)</u> | <u>E)</u> |
| A- △ | ☾ | ☾ | ☾ | △ |
| B- □ | □ | ■ | ■ | □ |
| B- ○ | ● | ○ | ● | ● |

8.

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

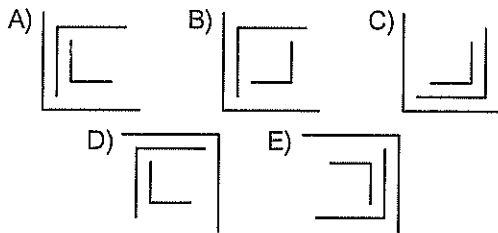
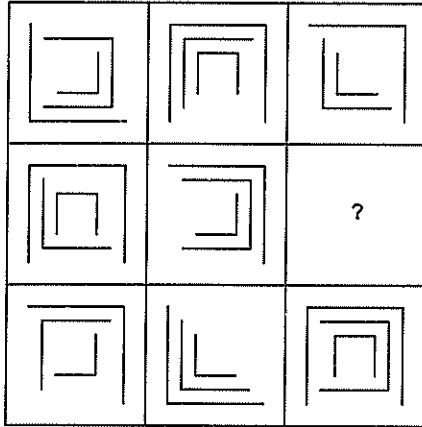


- | | | | | |
|-----------|-----------|-----------|-----------|-----------|
| <u>A)</u> | <u>B)</u> | <u>C)</u> | <u>D)</u> | <u>E)</u> |
| A- ★ | ★ | ★ | △ | △ |
| B- ○ | ● | ● | ○ | ● |
| B- △ | △ | ▲ | ■ | □ |

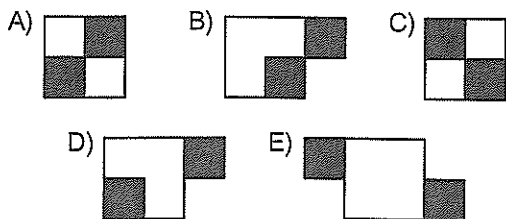
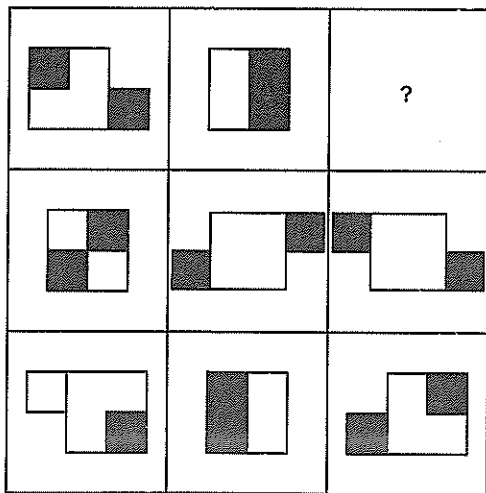
CEVAPLAR / ANSWERS					
1-E	2-C	3-C	4-B	5-D	6-B
7-B	8-B				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 17
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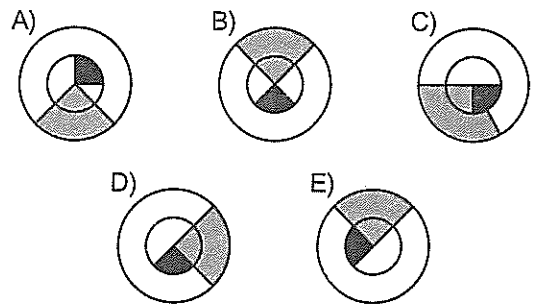
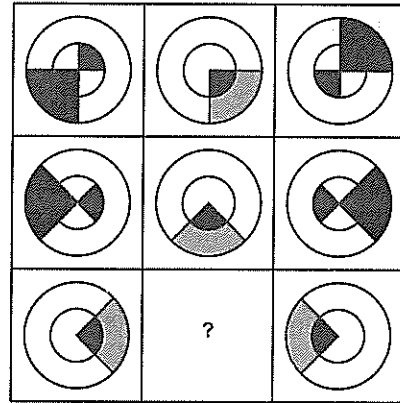
1.



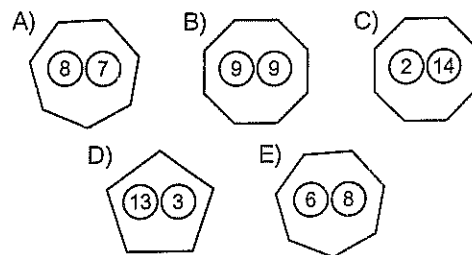
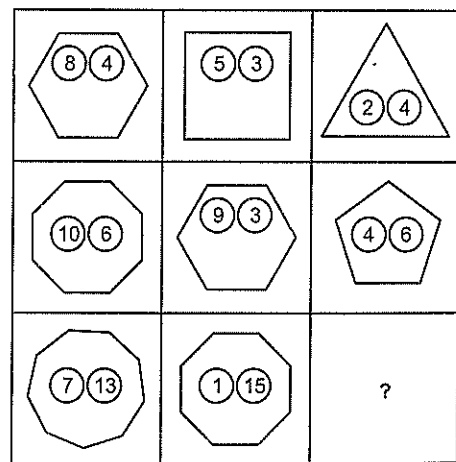
2.



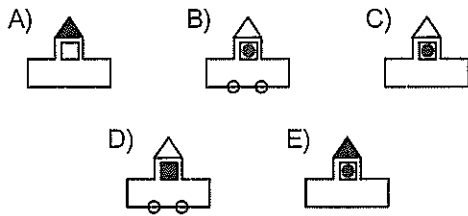
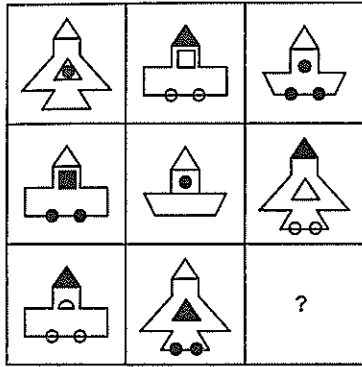
3.



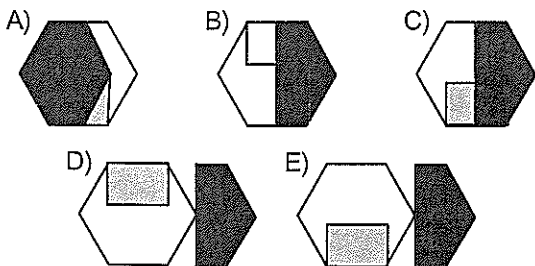
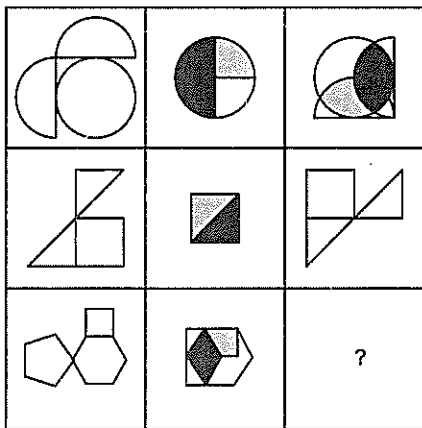
4.



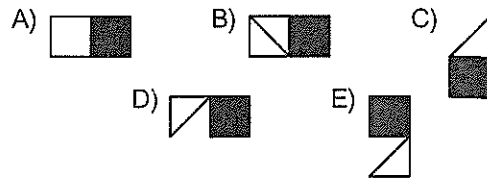
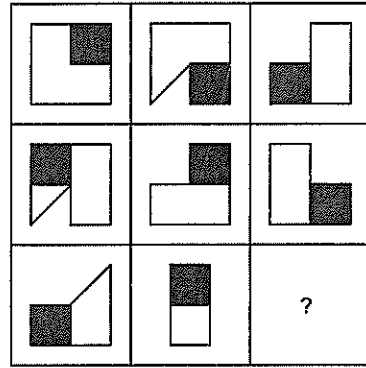
5.



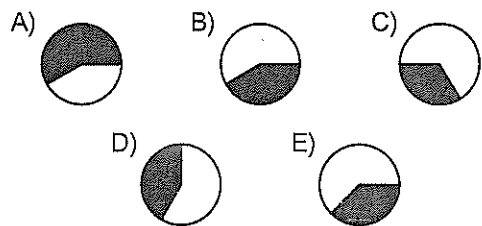
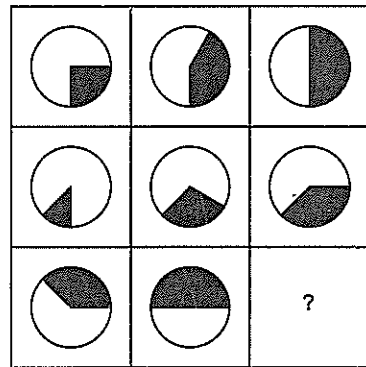
6.



7.



8.



CEVAPLAR / ANSWERS					
1-A	2-B	3-B	4-C	5-C	6-C
7-D	8-A				

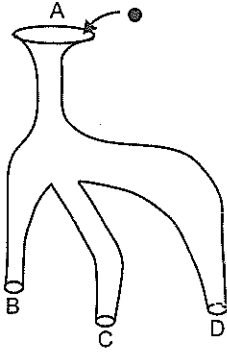
BÖLÜM 8
CHAPTER 8

ŞEKİL BAĞINTILARI
FIGURE RELATIONS

TEST - 18

- ★ Top belirtilen yerden içeri bırakılıyor.
- ★ Yerçekimine göre topun yolunu düşününüz.
- ★ Olasılık hesabını yol sayısına göre yapınız.

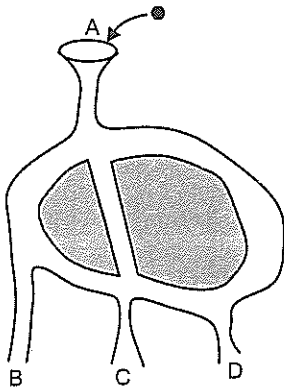
1.



A - C = ?

- A) 1 B) $\frac{1}{2}$ C) $\frac{1}{3}$ D) $\frac{1}{4}$ E) $\frac{1}{5}$

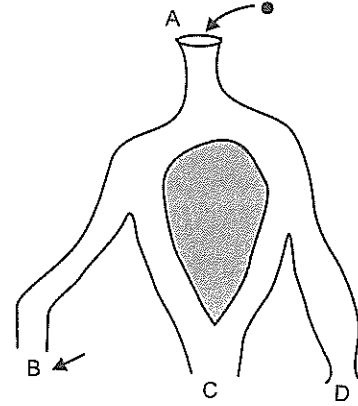
2.



A - D = ?

- A) 1 B) $\frac{1}{2}$ C) $\frac{1}{3}$ D) $\frac{1}{4}$ E) $\frac{1}{8}$

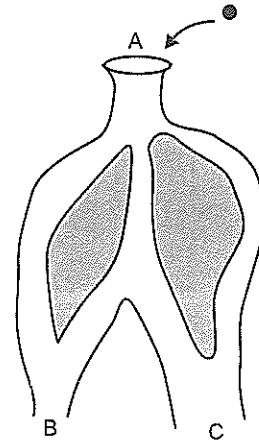
3.



A - B = ?

- A) 1 B) $\frac{1}{2}$ C) $\frac{1}{3}$ D) $\frac{1}{4}$ E) $\frac{1}{8}$

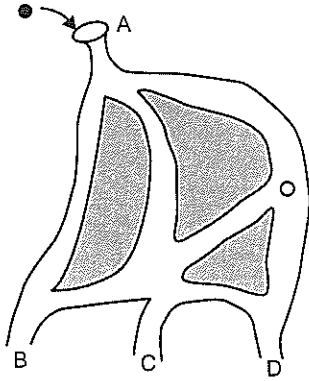
4.



A - C = ?

- A) 1 B) $\frac{1}{2}$ C) $\frac{1}{3}$ D) $\frac{1}{4}$ E) $\frac{1}{8}$

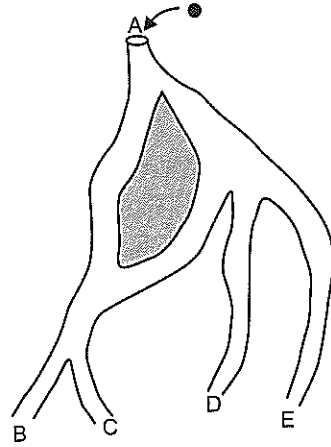
5.



A - C = ?

- A) $\frac{1}{2}$ B) $\frac{1}{3}$ C) $\frac{1}{4}$ D) $\frac{1}{6}$ E) $\frac{1}{9}$

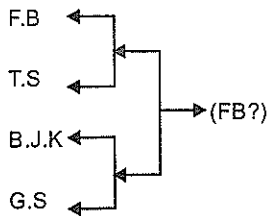
7.



A - E = ?

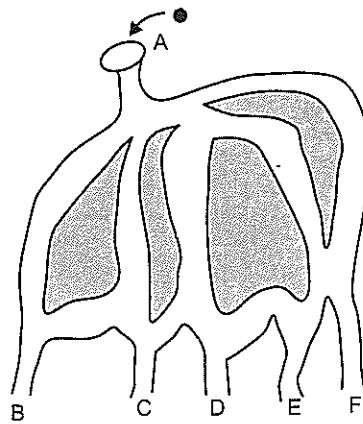
- A) $\frac{1}{2}$ B) $\frac{1}{3}$ C) $\frac{1}{4}$ D) $\frac{1}{5}$ E) $\frac{1}{6}$

6.



- A) 1 B) $\frac{1}{2}$ C) $\frac{1}{3}$ D) $\frac{1}{4}$ E) $\frac{1}{8}$

8.



A - C = ?

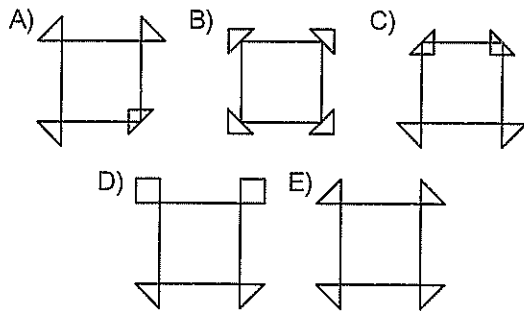
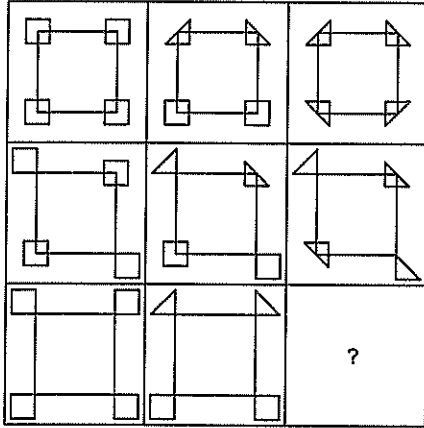
- A) $\frac{1}{4}$ B) $\frac{1}{7}$ C) $\frac{1}{8}$ D) $\frac{1}{9}$ E) $\frac{2}{9}$

CEVAPLAR / ANSWERS

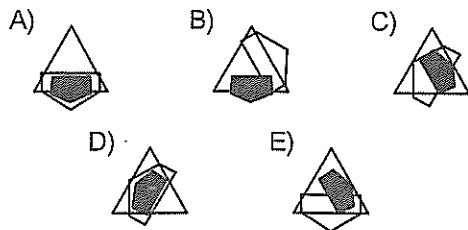
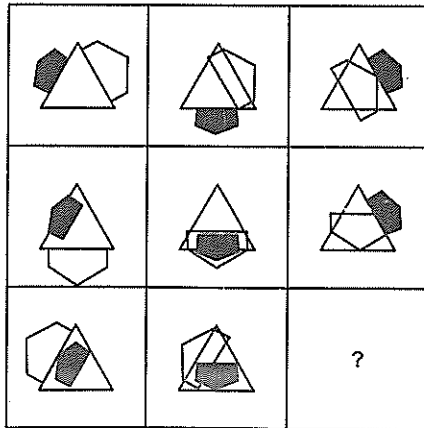
1-C	2-B	3-D	4-B	5-B	6-D
7-E	8-E				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 19
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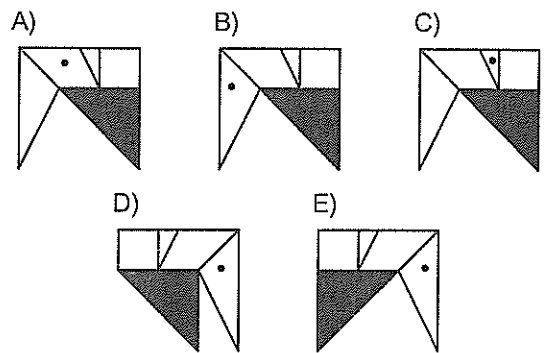
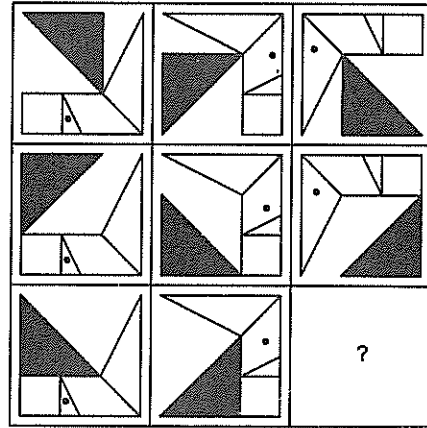
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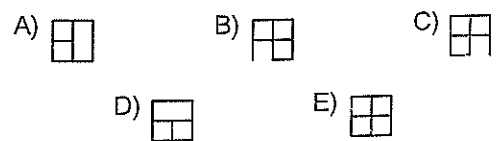
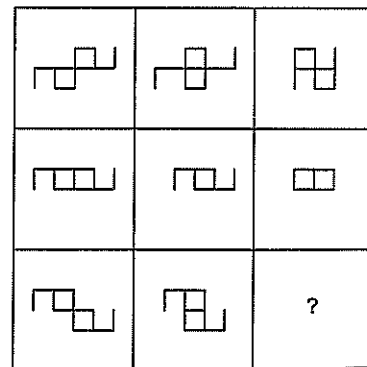
2.



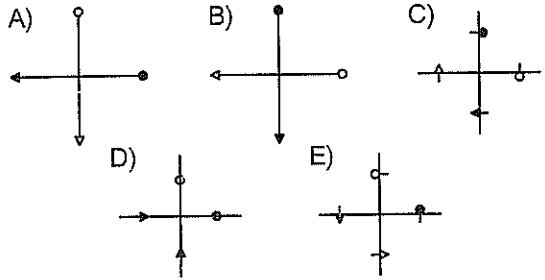
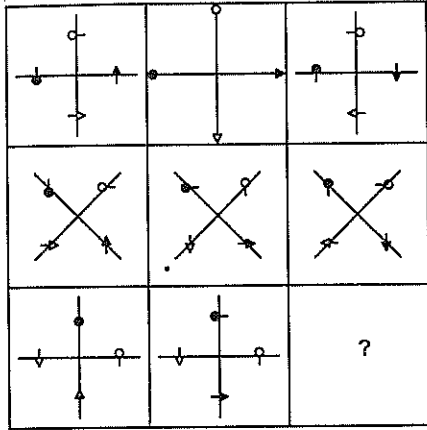
3.



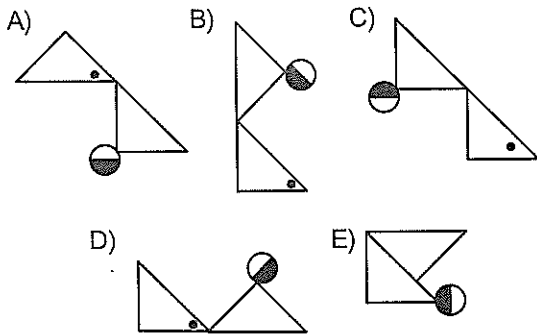
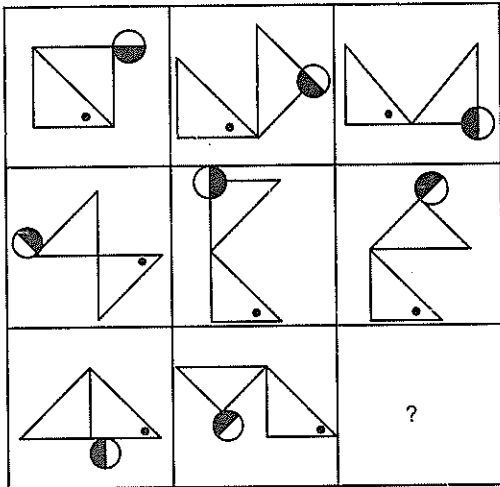
4.



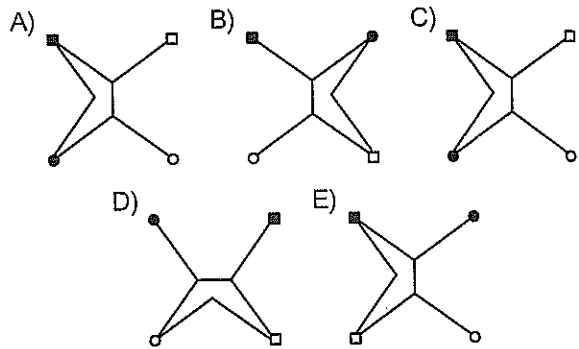
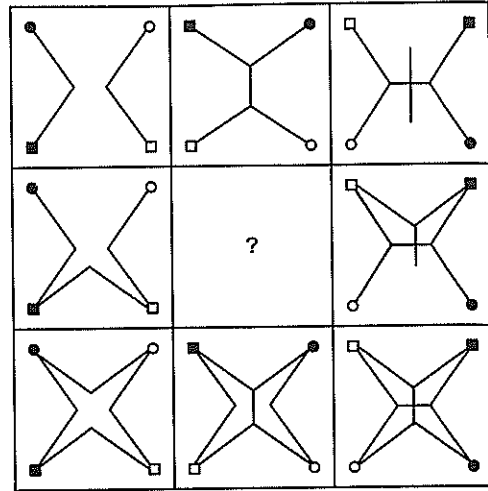
5.



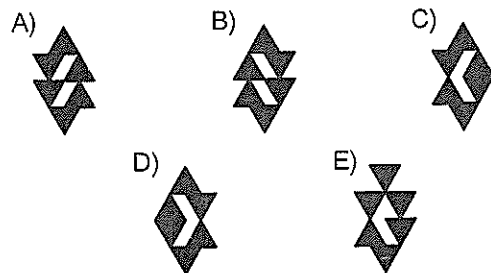
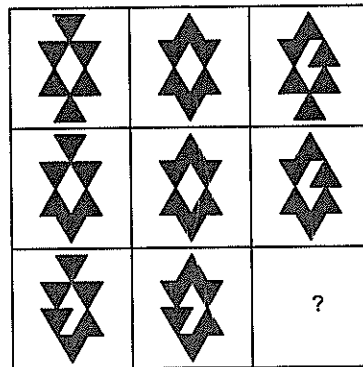
6.



7.



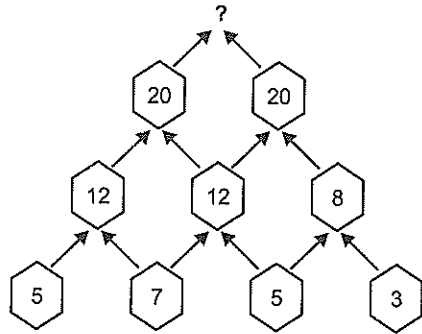
8.



CEVAPLAR / ANSWERS					
1-E	2-C	3-B	4-E	5-B	6-C
7-E	8-A				

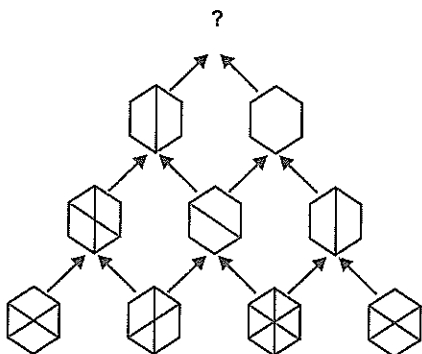
BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 20
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1.



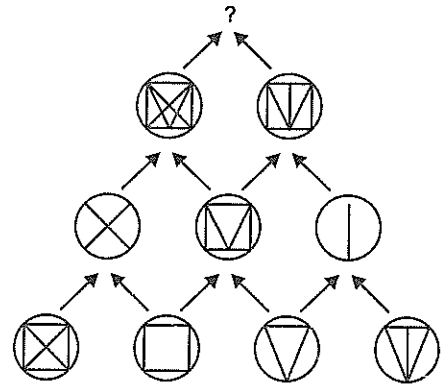
- A) B) C) D) E)

2.



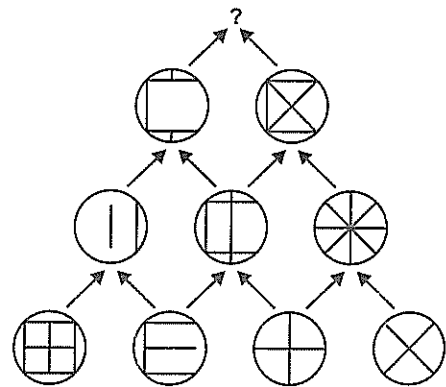
- A) B) C) D) E)

3.



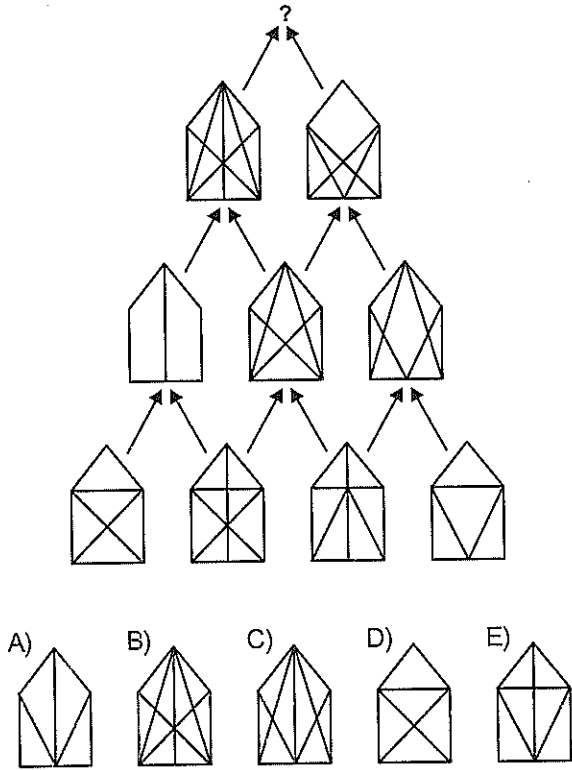
- A) B) C) D) E)

4.

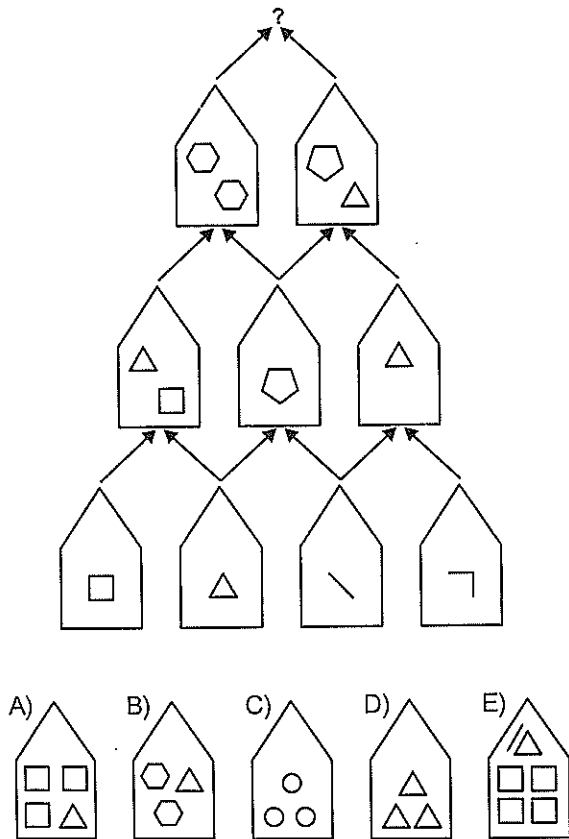


- A) B) C) D) E)

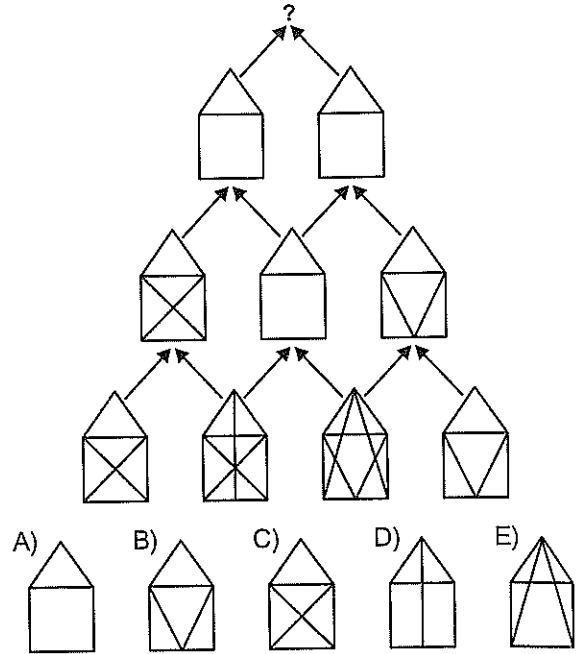
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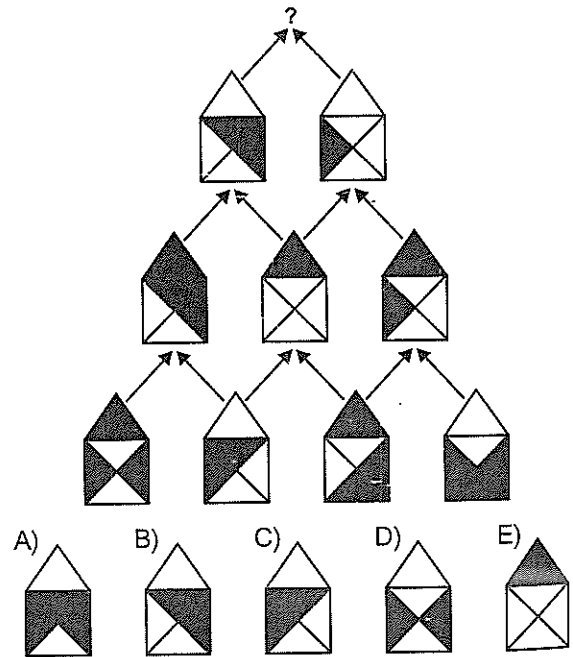
6.



7.



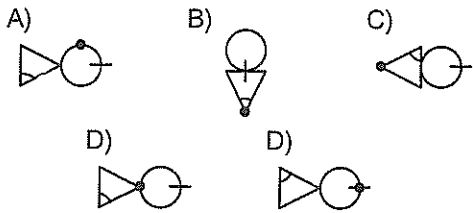
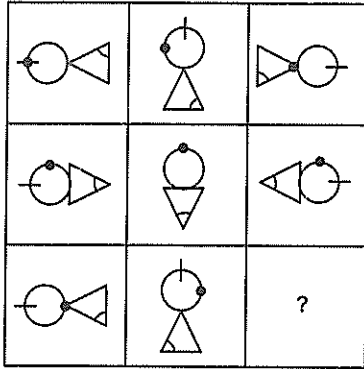
8.



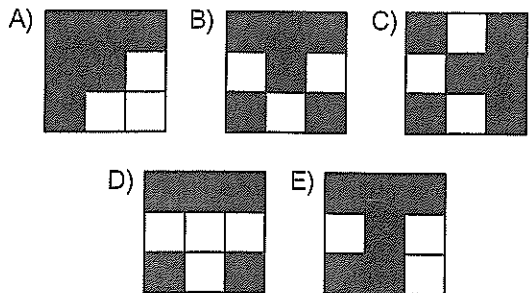
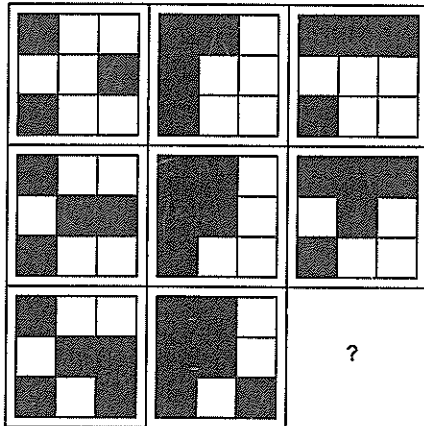
CEVAPLAR / ANSWERS					
1-C	2-D	3-D	4-D	5-C	6-E
7-A	8-A				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 21
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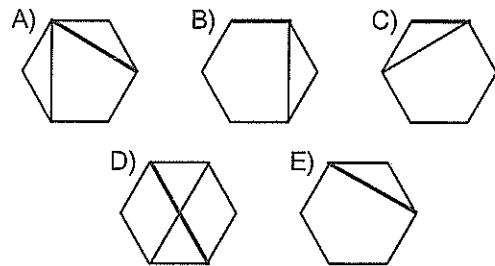
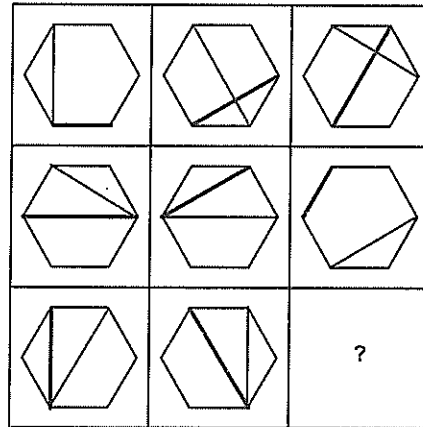
1.



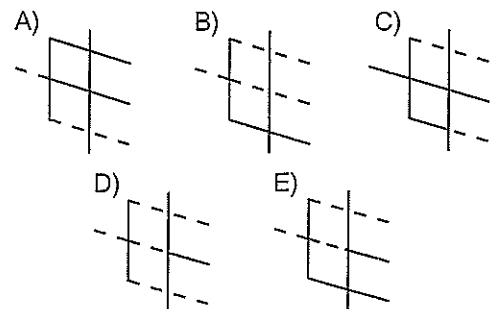
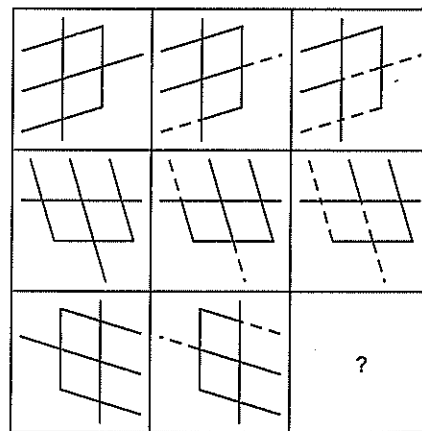
2.



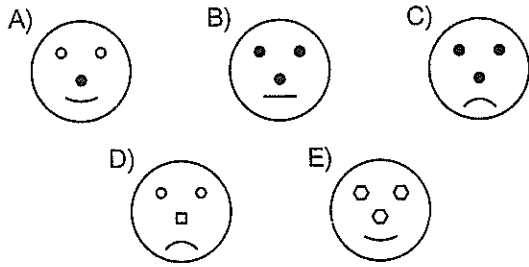
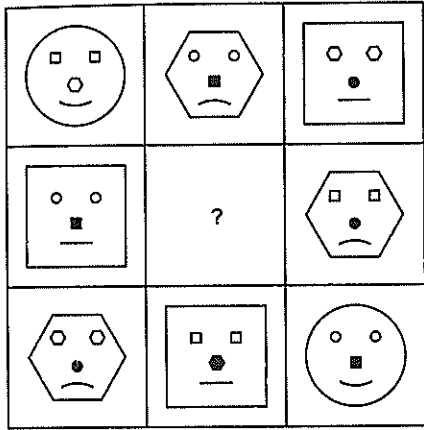
3.



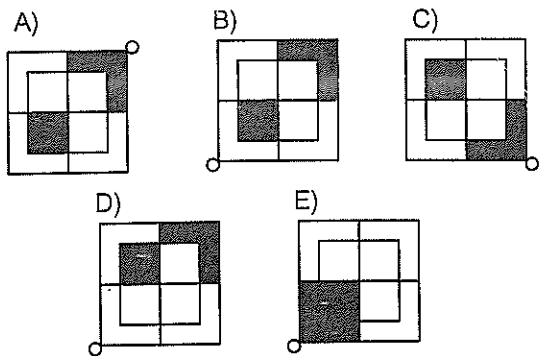
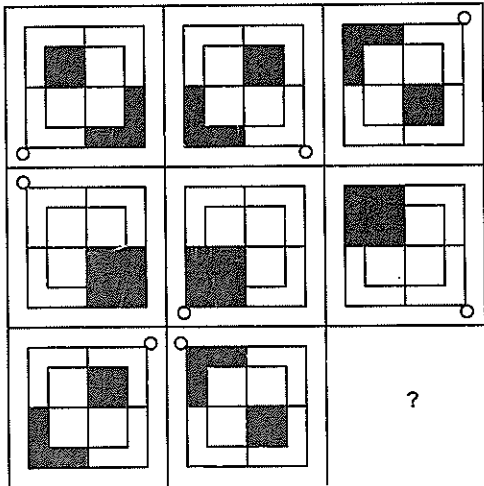
4.



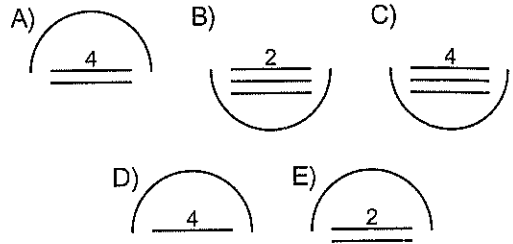
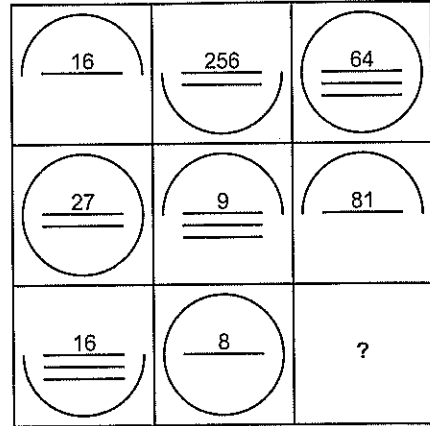
5.



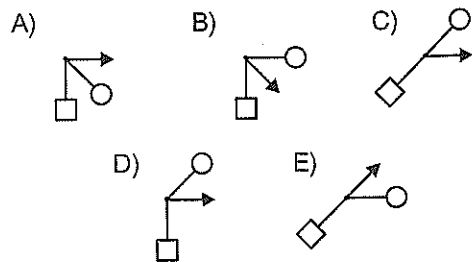
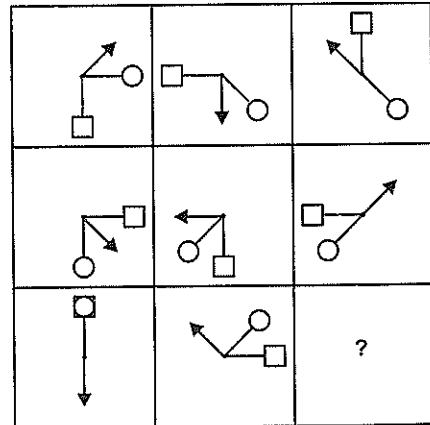
6.



7.



8.



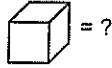
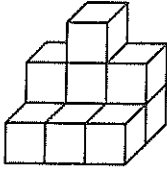
CEVAPLAR / ANSWERS					
1-E	2-B	3-E	4-E	5-E	6-A
7-A	8-D				

BÖLÜM 8
CHAPTER 8

ŞEKİL BAĞINTILARI
FIGURE RELATIONS

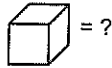
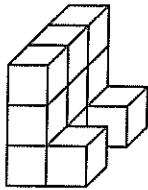
TEST - 22

1.



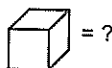
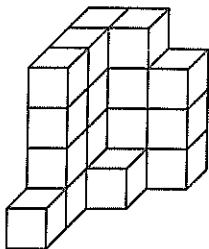
- A) 6 B) 7 C) 8 D) 9 E) 10

2.



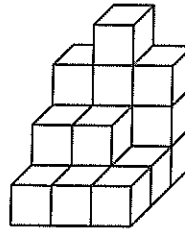
- A) 7 B) 9 C) 10 D) 12 E) 17

3.



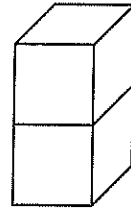
- A) 13 B) 14 C) 15 D) 16 E) 17

4.

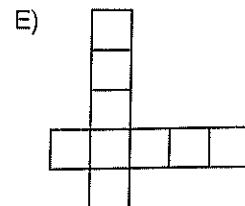
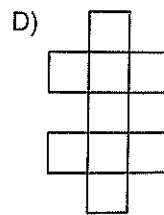
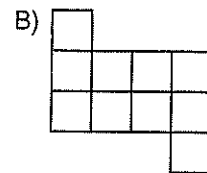
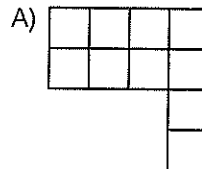


- A) 18 B) 16 C) 14 D) 12 E) 10

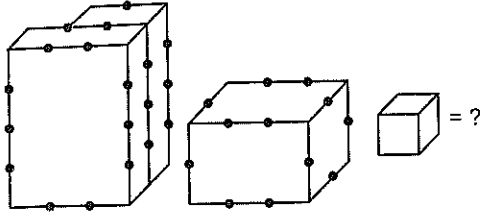
5.



⇒ ?

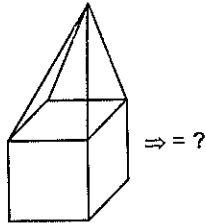


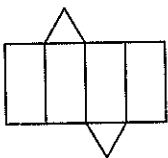
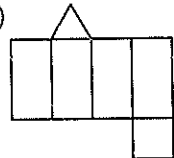
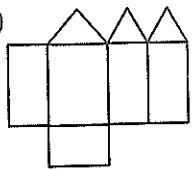
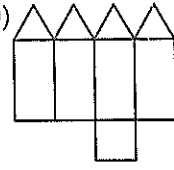
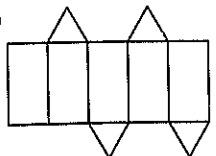
6.



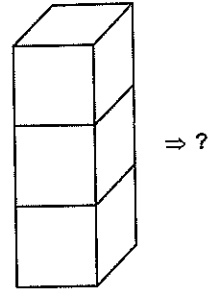
- A) 16 B) 20 C) 24 D) 32 E) 36

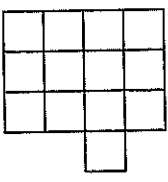
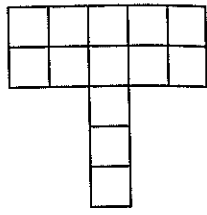
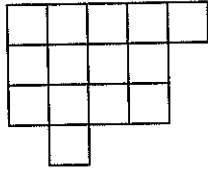
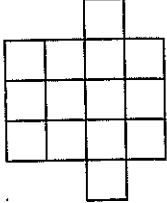

7.



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

8.



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

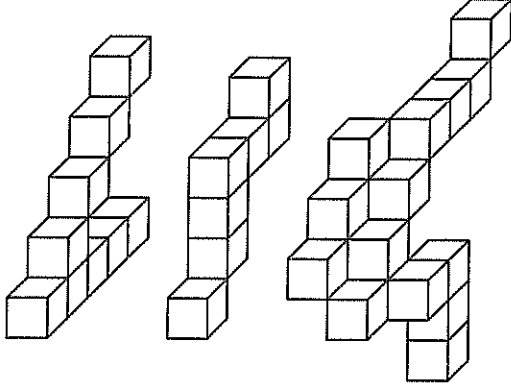
CEVAPLAR / ANSWERS					
1-E	2-C	3-E	4-A	5-D	6-B
7-D	8-D				

BÖLÜM 8
CHAPTER 8

ŞEKİL BAĞINTILARI
FIGURE RELATIONS

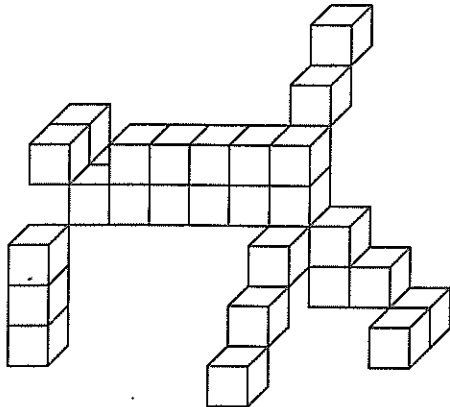
TEST - 23

1.



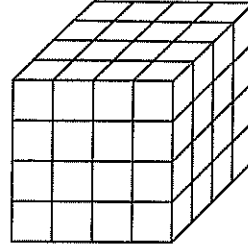
- A) 30 B) 29 C) 31 D) 32 E) 28

2.



- A) 25 B) 26 C) 27 D) 28 E) 29

3., 4., 5. soruları aşağıdaki şekle göre yanıtlayınız.



Küpün 6 yüzeyi kırmızı ile boyanıyor. Daha sonra küp parçalanarak 64 birim kübe ayrılıyor.

3. Yalnız 1 yüzü boyalı kaç adet küp bulunur?

- A) 18 B) 24 C) 36 D) 48 E) 64

4. Yalnız 2 yüzü boyalı kaç küp vardır?

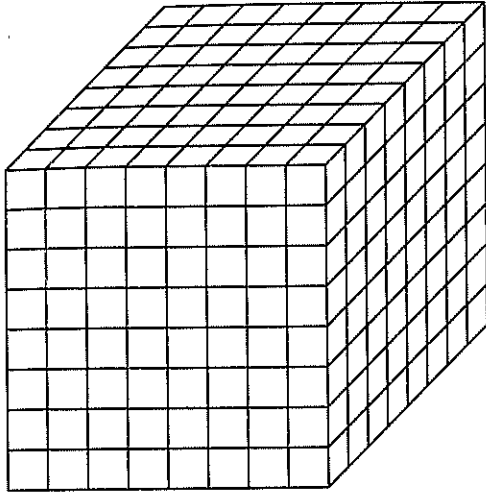
- A) 11 B) 24 C) 36 D) 48 E) 64

5. Hiç bir yüzü boyalı olmayan kaç küp vardır?

- A) 6 B) 8 C) 10 D) 12 E) 16

6. Yalnız 3 yüzü boyalı kaç küp vardır?

- A) 2 B) 4 C) 6 D) 8 E) 10



Kübün 6 yüzeyi kırmızıya boyanıyor. Daha sonra küp parçalanıp 512 birim kübe ayrılıyor.

7., 8., 9., 10. soruları yukarıdaki bilgiye göre yanıtlayınız.

7. Yalnız bir yüzü boyalı kaç adet küp vardır?

A) 196 B) 216 C) 236 D) 240 E) 256

8. Yalnız iki yüzü boyalı kaç adet küp vardır?

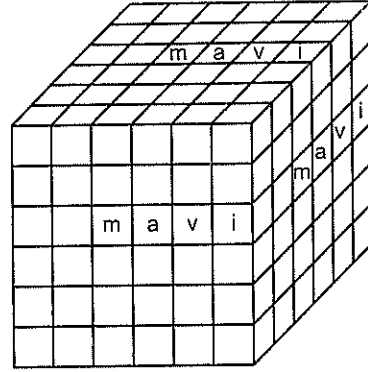
A) 72 B) 84 C) 96 D) 116 E) 125

9. Yalnız üç yüzü boyalı kaç adet küp vardır?

A) 6 B) 8 C) 10 D) 12 E) 14

10. Hiçbir yüzü boyalı olmayan kaç adet küp vardır?

A) 196 B) 216 C) 236 D) 240 E) 256



Kübün 3 yüzeyi mavi, 3 yüzeyi sarıya boyanıyor. Daha sonra küp parçalanıp 216 birime ayrılıyor.

11., 12., 13. soruları yukarıdaki bilgiye göre yanıtlayınız.

11. Bir yüzü mavi bir yüzü sarı boyalı kaç küp vardır?

A) 8 B) 12 C) 16 D) 20 E) 24

12. 5 yüzü boyasız kaç küp vardır?

A) 88 B) 92 C) 96 D) 100 E) 104

13. 1 yüzü sarı, 2 yüzü mavi boyalı kaç küp vardır?

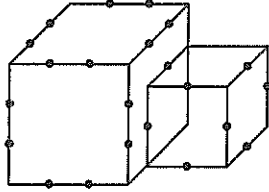
A) 1 B) 2 C) 3 D) 4 E) 5

CEVAPLAR / ANSWERS

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

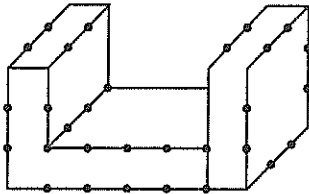
BÖLÜM 8
CHAPTER 8
ŞEKİL BAĞINTILARI
FIGURE RELATIONS
TEST - 24

1.



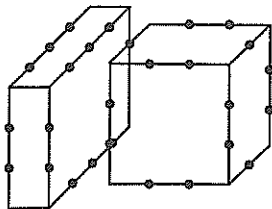
A) 29 B) 35 C) 36 D) 37 E) 39

2.



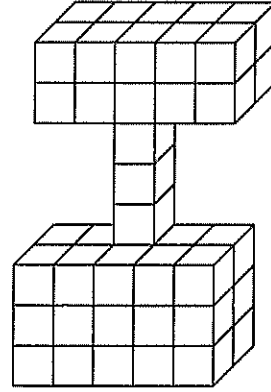
A) 28 B) 30 C) 32 D) 34 E) 36

3.



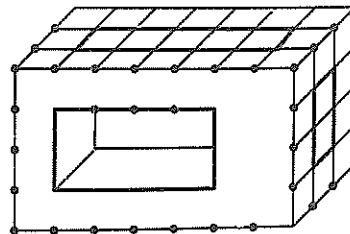
A) 28 B) 30 C) 32 D) 34 E) 36

4.



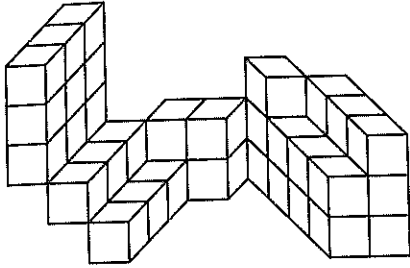
A) 41 B) 44 C) 47 D) 50 E) 53

5.



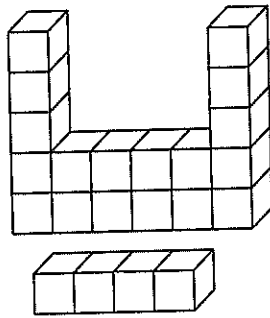
A) 76 B) 74 C) 70 D) 64 E) 60

6.



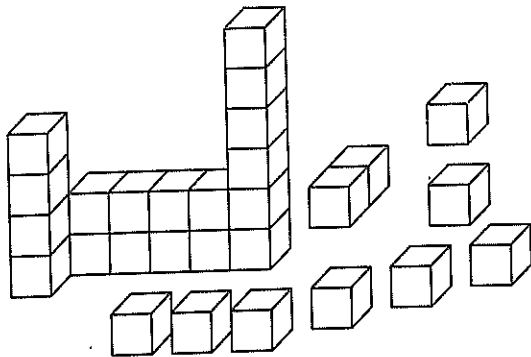
- A) 37 B) 36 C) 34 D) 33 E) 30

7.



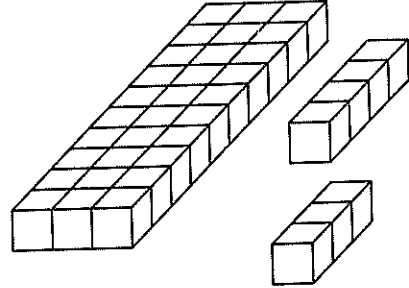
- A) 25 B) 24 C) 23 D) 22 E) 21

8.



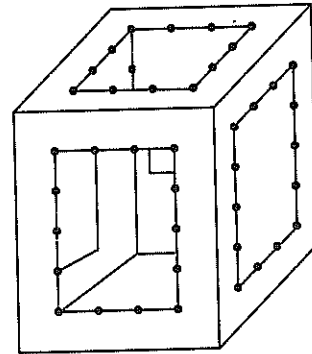
- A) 33 B) 31 C) 28 D) 27 E) 25

9.



- A) 32 B) 34 C) 35 D) 36 E) 37

10.

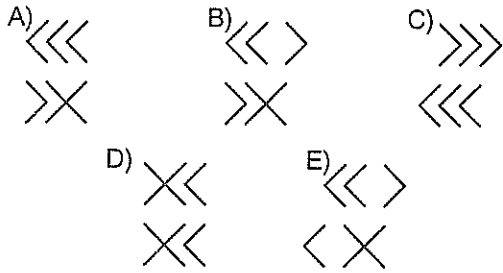
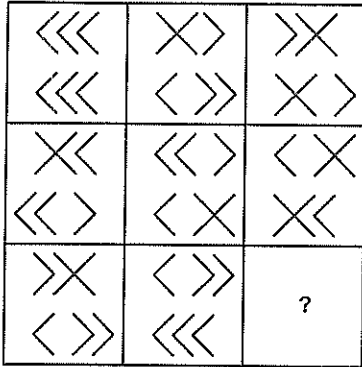


- A) 36 B) 38 C) 40 D) 44 E) 48

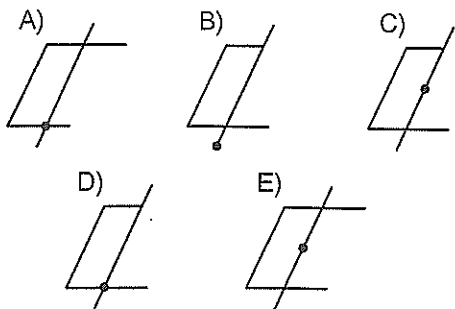
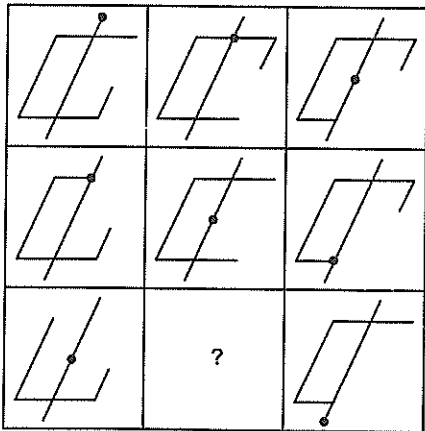
CEVAPLAR / ANSWERS					
1-B	2-B	3-B	4-E	5-E	6-A
7-D	8-C	9-D	10-E		

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 25
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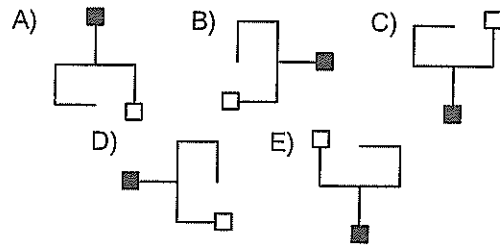
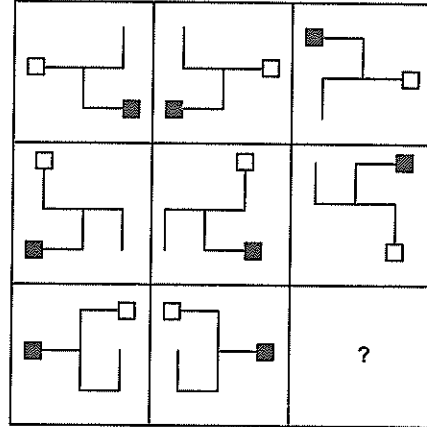
1.



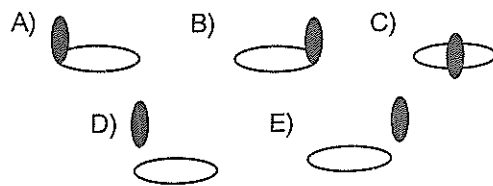
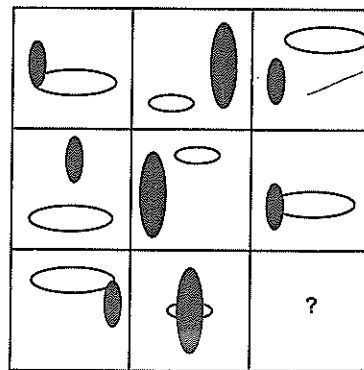
2.



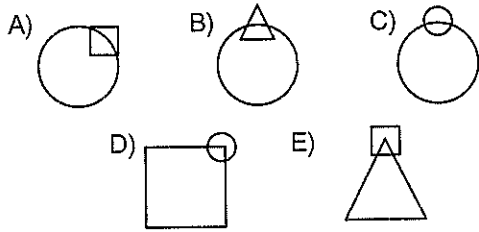
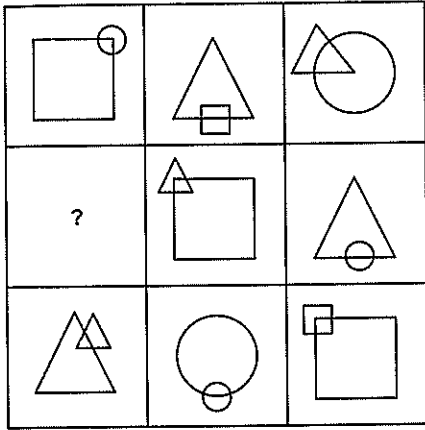
3.



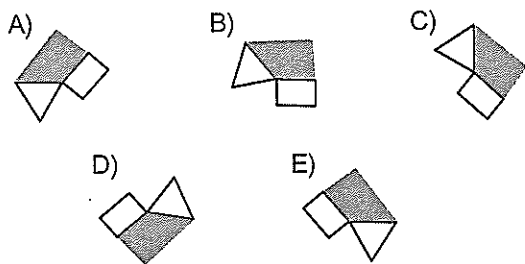
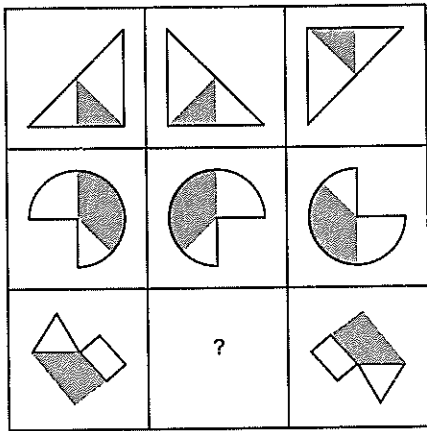
4.



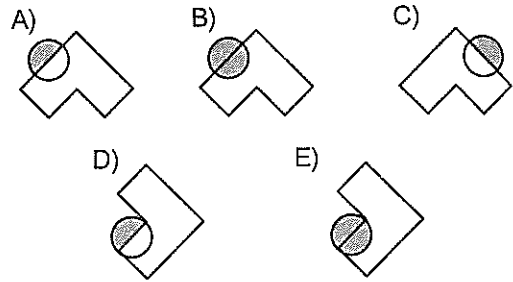
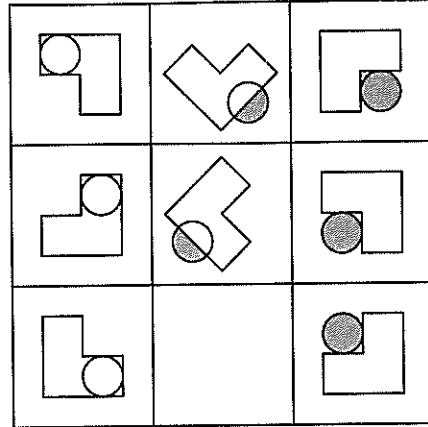
5.



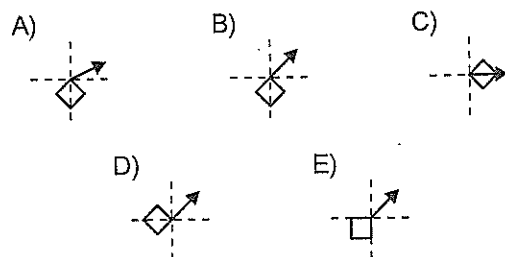
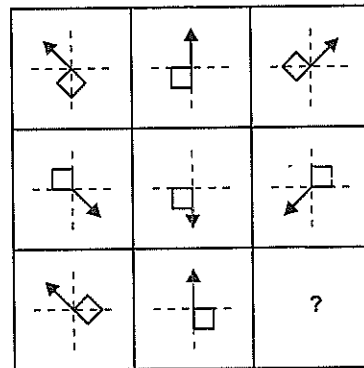
6.



7.



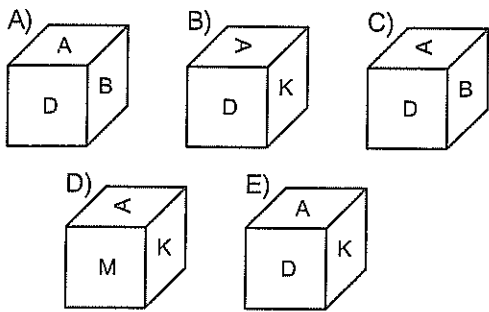
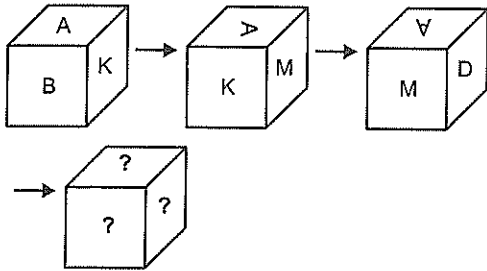
8.



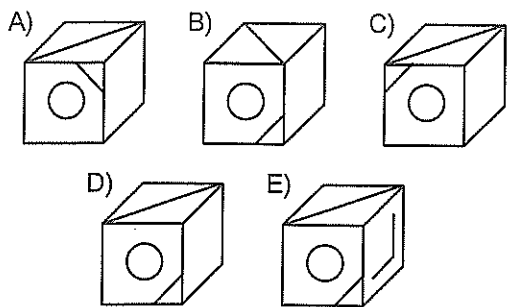
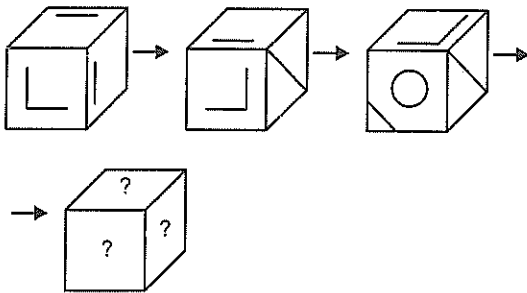
CEVAPLAR / ANSWERS					
1-A	2-A	3-B	4-C	5-A	6-D
7-A	8-B				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 26
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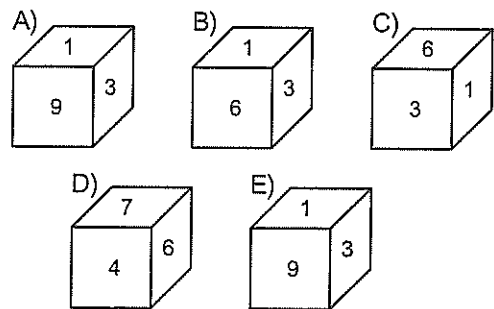
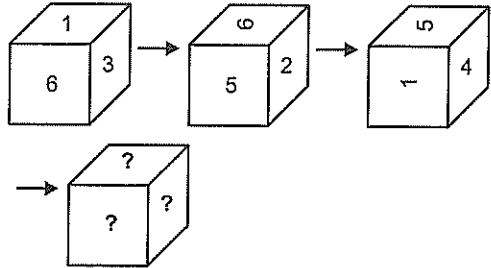
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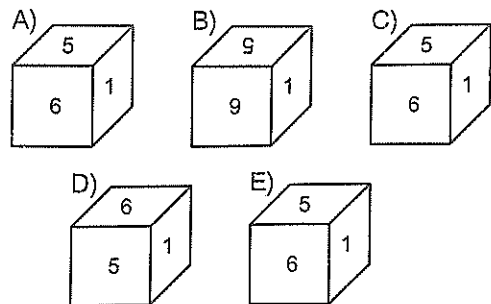
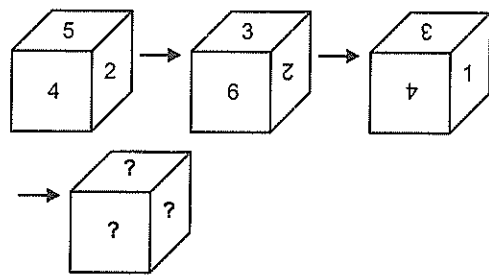
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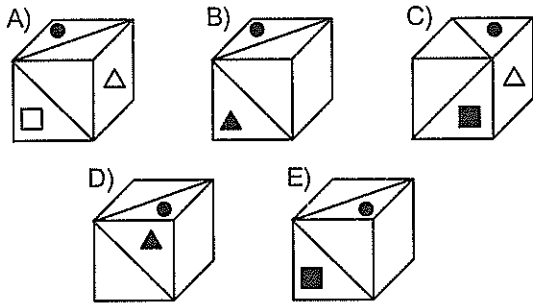
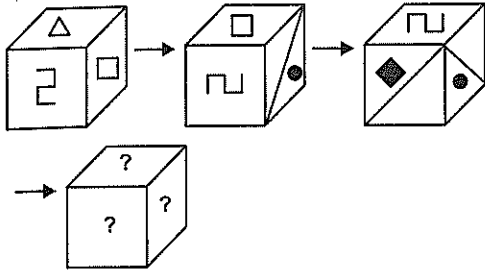
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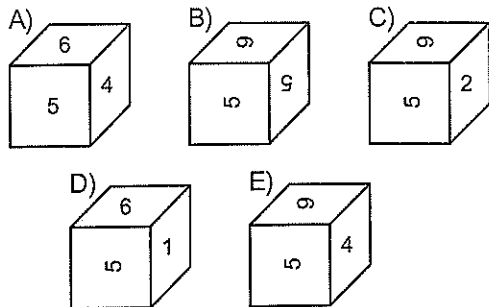
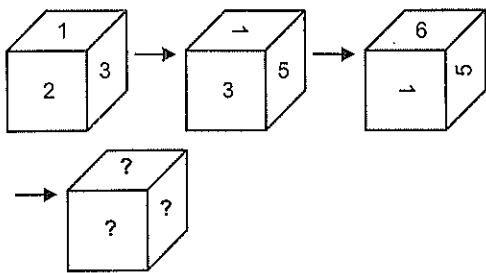
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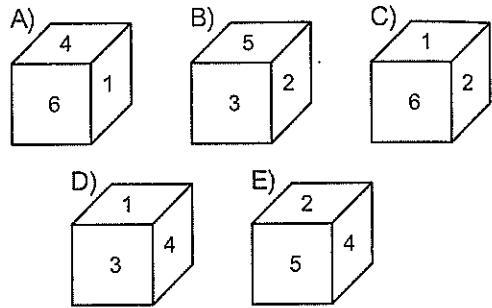
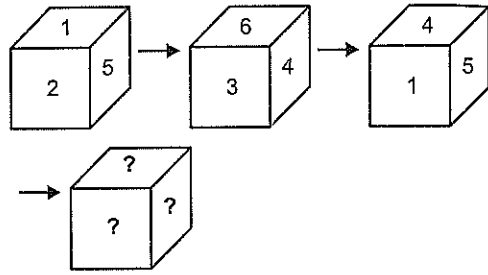
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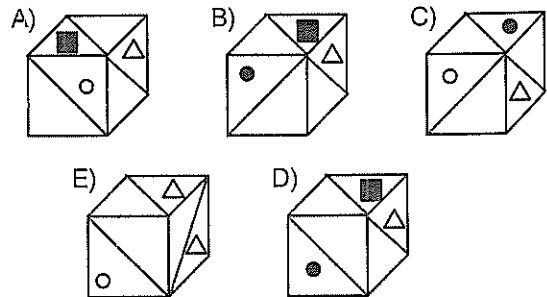
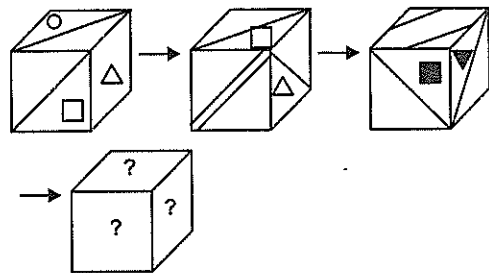
6.



7.



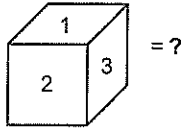
8.



CEVAPLAR / ANSWERS					
1-C	2-A	3-B	4-B	5-E	6-E
7-D	8-B				

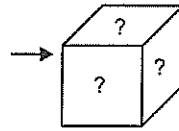
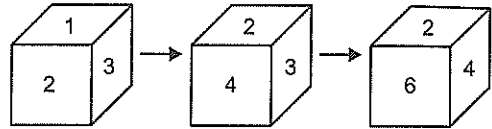
BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 27
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1.



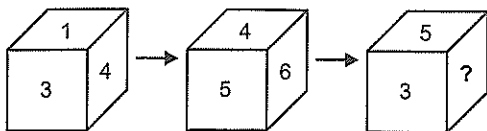
- A)
- B)
- C)
- D)
- E)

3.



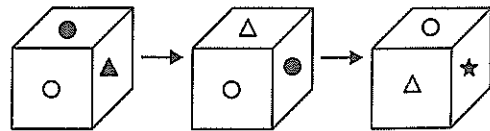
- A)
- B)
- C)
- D)
- E)

2.



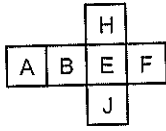
- A) 1 B) 2 C) 3 D) 4 E) 5

4.



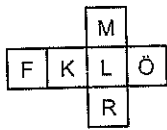
- A)
- B)
- C)
- D)
- E)

5.



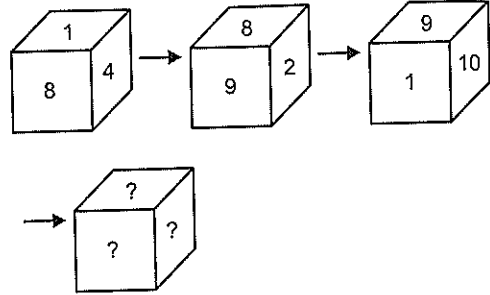
- A) B) C)
 D) E)

6.



- A) B) C)
 D) E)

7.

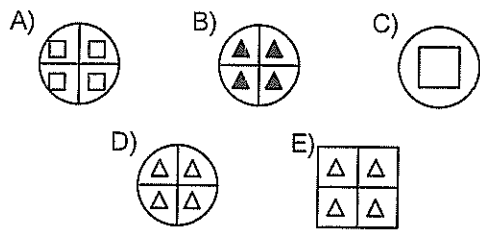
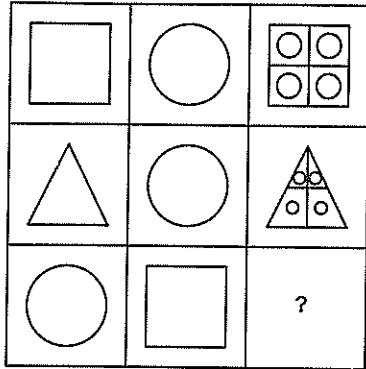


- A) B) C)
 D) E)

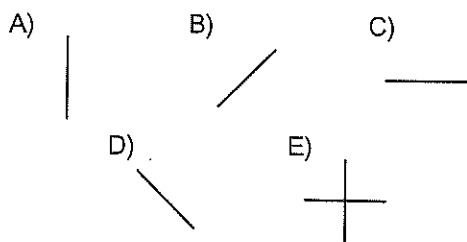
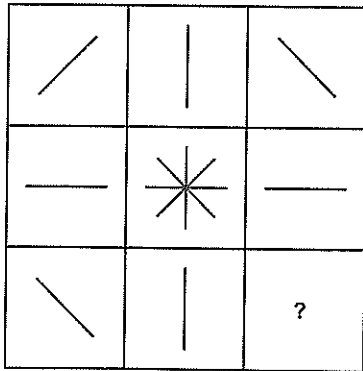
CEVAPLAR / ANSWERS					
1-B	2-B	3-B	4-D	5-D	6-E
7-B					

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 28
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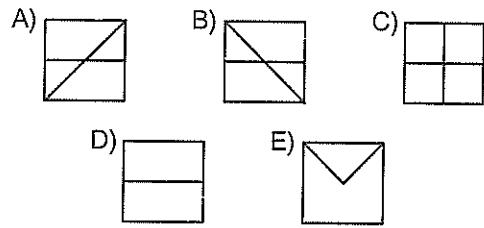
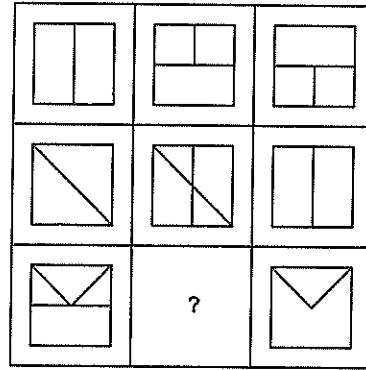
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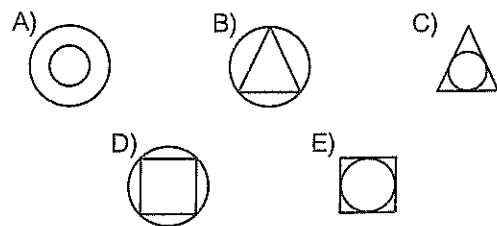
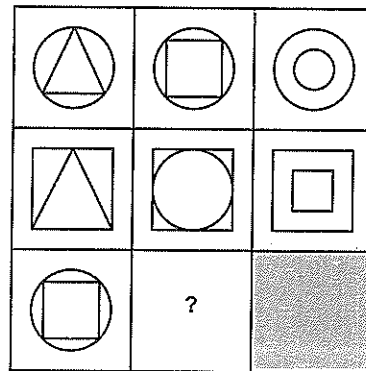
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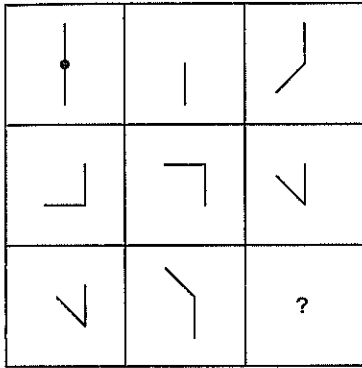
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4.

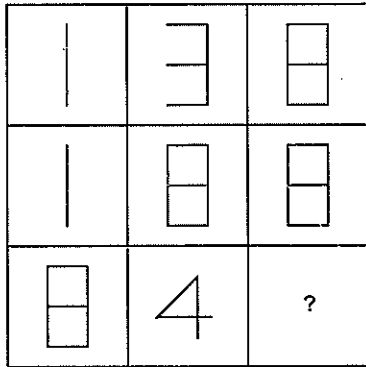


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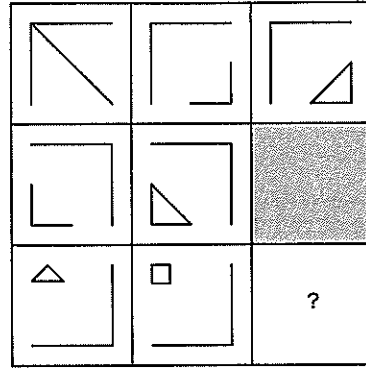
- A) B) C) D) E)

6.



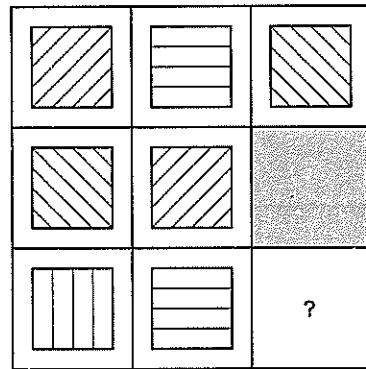
- A) B) C) D) E)

7.



- A) B) C) D) E)

8.



- A) B) C) D) E)

CEVAPLAR / ANSWERS					
1-A	2-B	3-D	4-B	5-C	6-C
7-A	8-A				

BÖLÜM 8
CHAPTER 8
ŞEKİL BAĞINTILARI
FIGURE RELATIONS
TEST - 29

1.

	KLM	XKL	YLA	CXK	LZB
XYZ	XLZ			XXZ	
AB	ALC		ALC		?
KLM	KLM				KZM

- A) ABB B) AZB C) AZC
 D) LBD E) LBC

2.

	XAZ	KBM	AKB
ABC	BCXZ	ACKM	
DAB	DBXZ		?
AKL	KLXZ		

- A) XM B) BC C) DK D) KD E) CB

3.

	ABL	ACD	ADE
ABC	CL	D	
ABE	EL	CD	BD
CBE	CEAL	?	

- A) CE B) AD C) CD D) AC E) CA

4.

M
KK
LL
NNN

⇒ 2, 2, 1, 3

K
LL
MM
N

⇒ 1, 2, 2, 1

KKK
LL
MM
MNM

⇒ A, B, C, D

A.B + C.D = ?

- A) 18 B) 16 C) 14 D) 13 E) 12

5.

1, 1, 1
5, 5
7, 7, 9, 9

⇒ 3, 2, 2, 2

1, 1
5
7, 7, 7
9

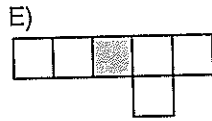
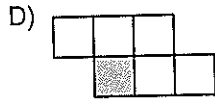
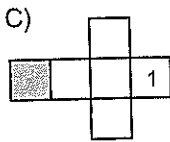
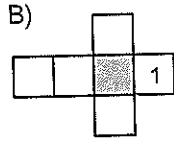
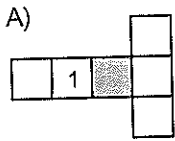
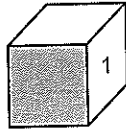
⇒ 2, 1, 3, 1

1, 11
7, 77, 9

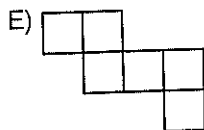
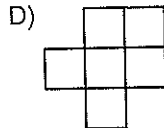
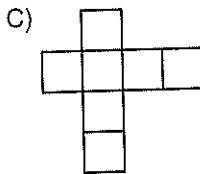
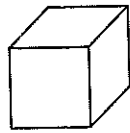
⇒ ?

- A) 1, 2, 3, 1 B) 3, 3, 1 C) 3, 0, 3, 1
 D) 0, 3, 3, 1 E) 3, 0, 1, 3

6.



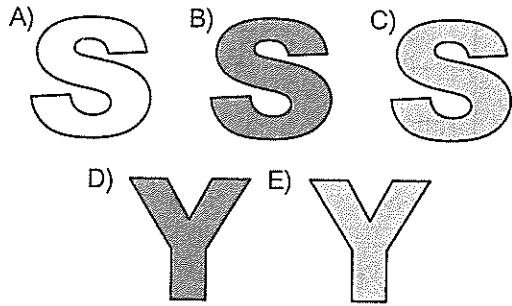
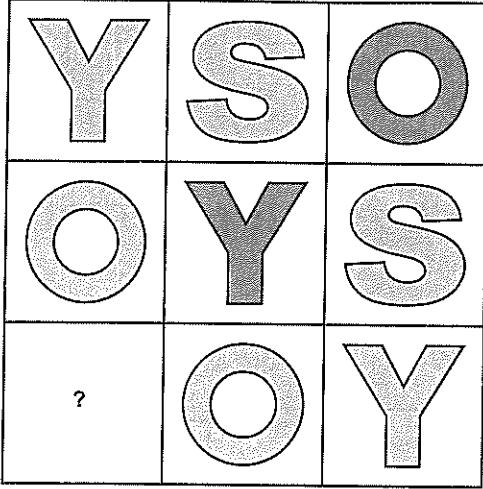
7.



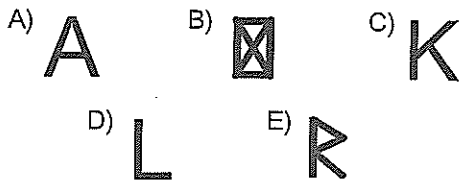
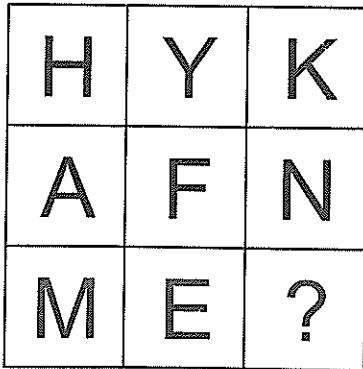
CEVAPLAR / ANSWERS					
1-C	2-C	3-B	4-E	5-C	6-B
7-E					

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 30
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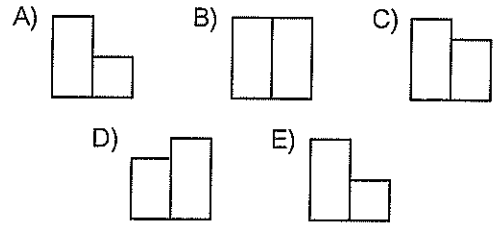
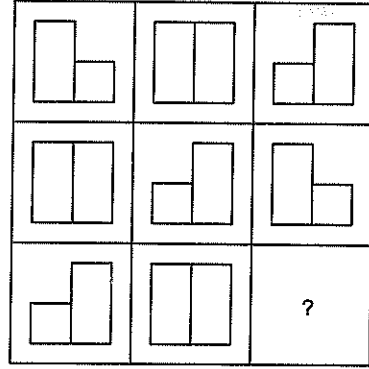
1.



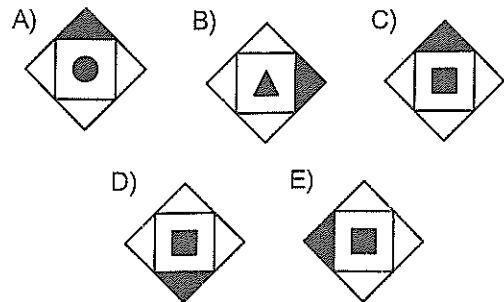
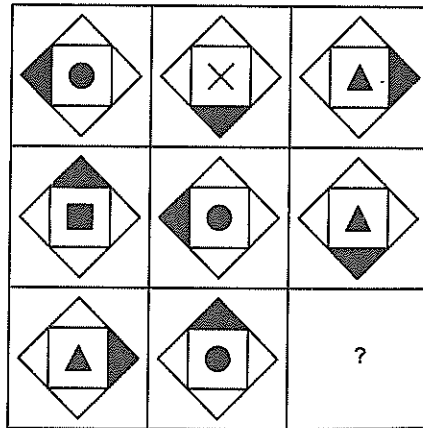
2.



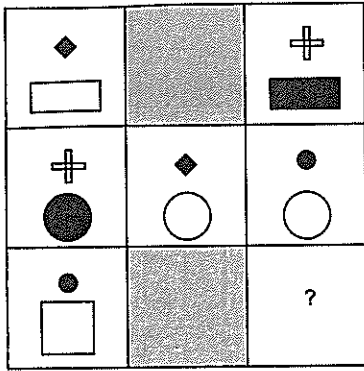
3.



4.

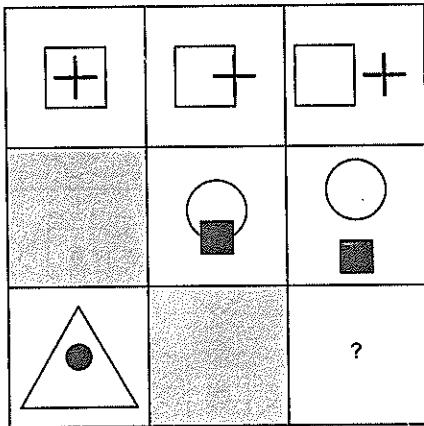


5.



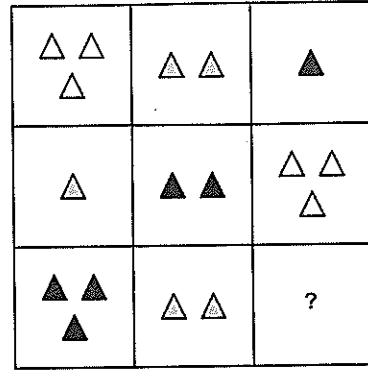
- A) diamond, shaded square
 B) cross, square
 C) cross, square
 D) diamond, square
 E) diamond, circle

6.



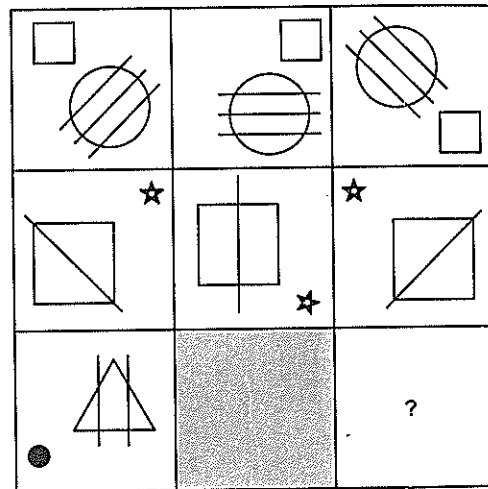
- A) shaded triangle with square
 B) triangle with circle
 C) triangle with circle
 D) shaded triangle with circle
 E) triangle with circle

7.



- A) 1 white triangle
 B) 2 white triangles
 C) 3 white triangles
 D) 1 black triangle
 E) 2 black triangles

8.

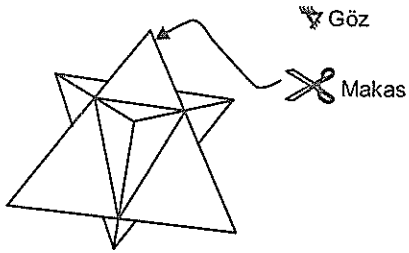







- A) triangle with vertical lines and circle
 B) triangle with horizontal lines and circle
 C) triangle with vertical lines and circle
 D) square with horizontal lines and circle
 E) circle with vertical lines and circle

CEVAPLAR / ANSWERS					
1-B	2-E	3-A	4-E	5-D	6-B
7-A	8-B				

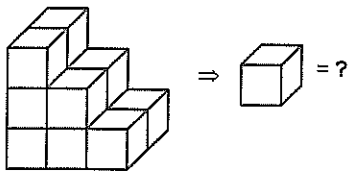
BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 31
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1.



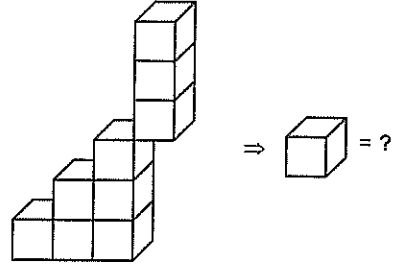
- A)  B)  C) 
- D)  E) 

2.



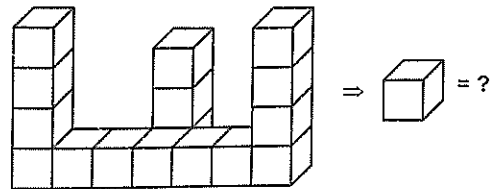
- A) 10 B) 12 C) 13 D) 14 E) 15

3.



- A) 8 B) 9 C) 10 D) 11 E) 12

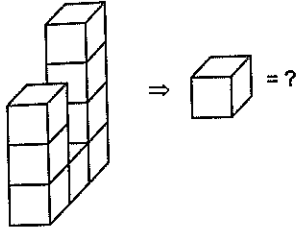
4.



- A) 14 B) 15 C) 16 D) 17 E) 18

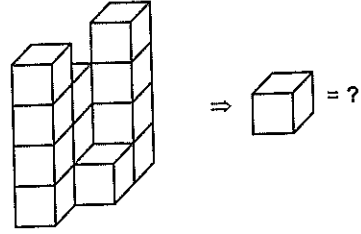
Şekil Bağlantıları

5.



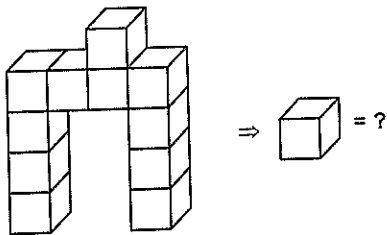
- A) 7 B) 8 C) 9 D) 10 E) 11

7.



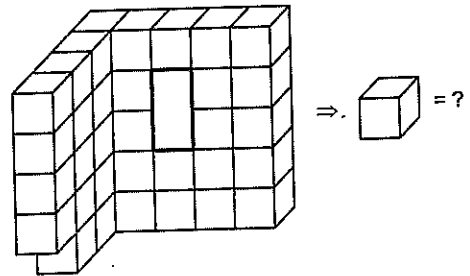
- A) 12 B) 13 C) 14 D) 15 E) 16

6.



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

8.

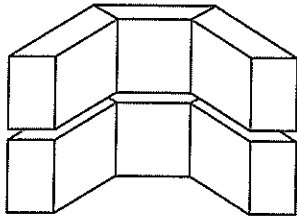


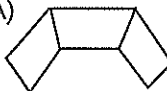
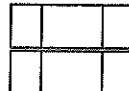
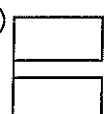

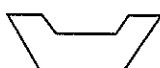
- A) 36 B) 37 C) 38 D) 39 E) 40

CEVAPLAR / ANSWERS					
1-C	2-B	3-B	4-C	5-B	6-E
7-A	8-B				

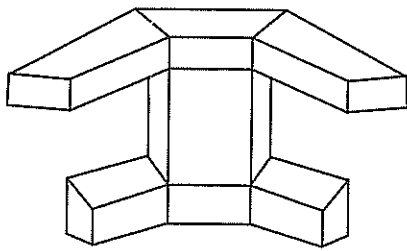
BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 32
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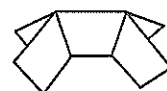
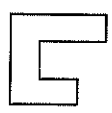
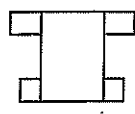
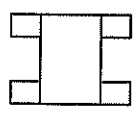

1.



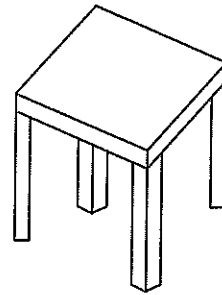
- A) 
- B) 
- C) 
- D) 
- E) 

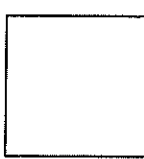
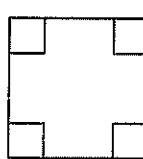
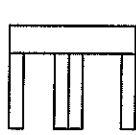
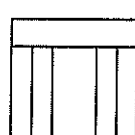

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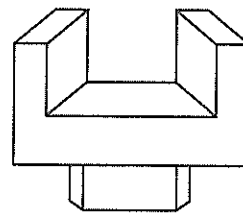
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- C) 
- D) 
- E) 

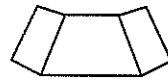
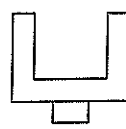
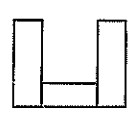
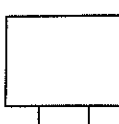

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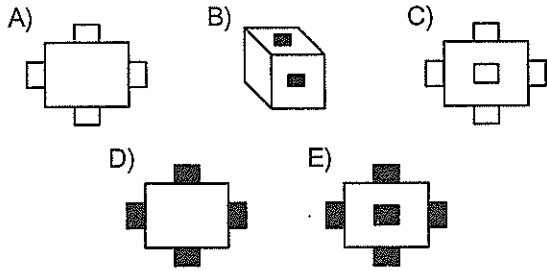
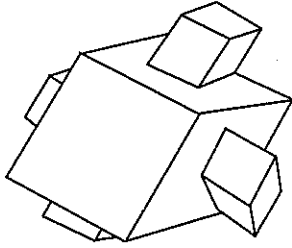
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- D) 
- E) 

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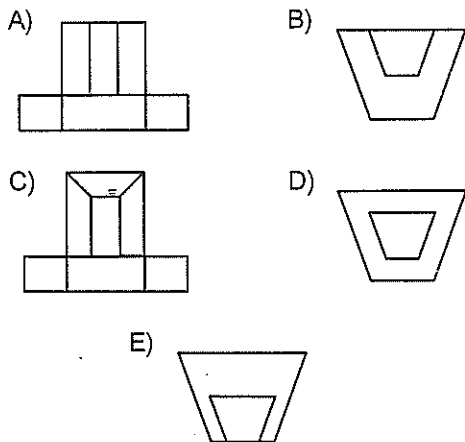
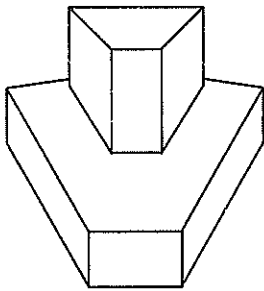


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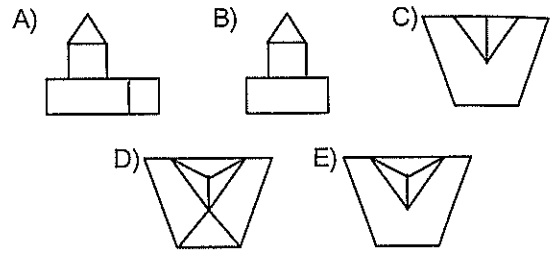
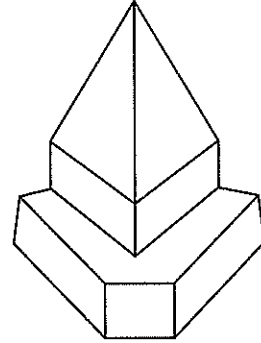
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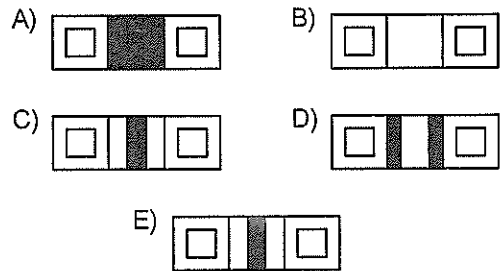
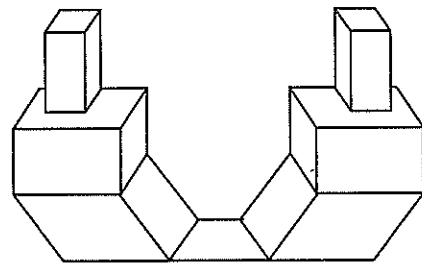
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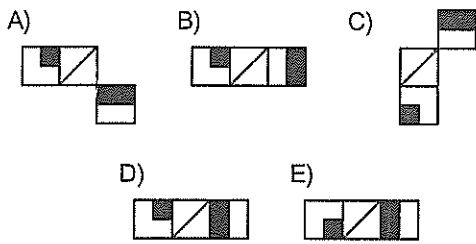
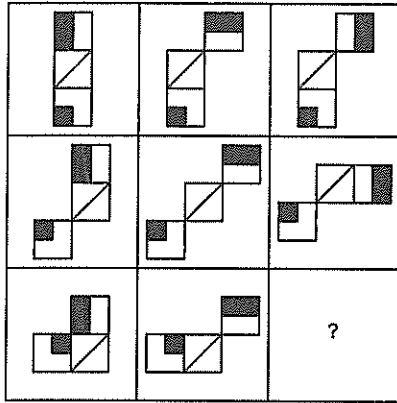
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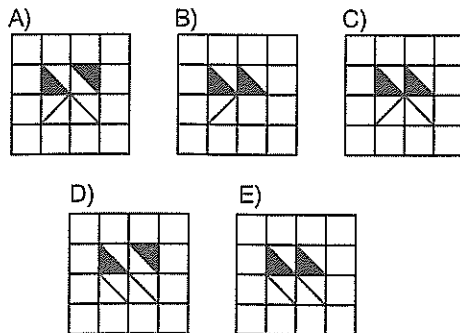
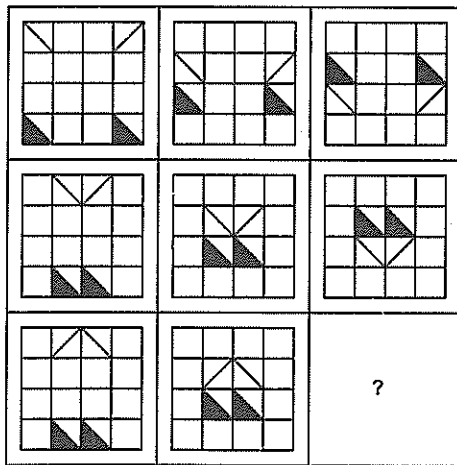
CEVAPLAR / ANSWERS					
1-E	2-D	3-D	4-C	5-C	6-B
7-E	8-C				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 33
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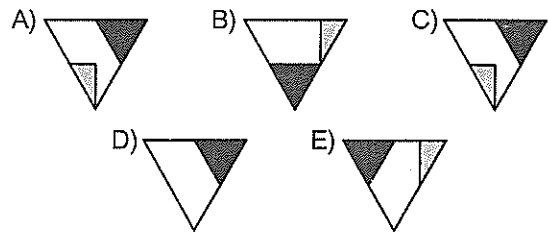
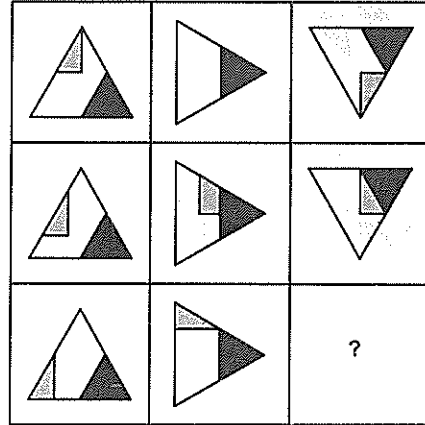
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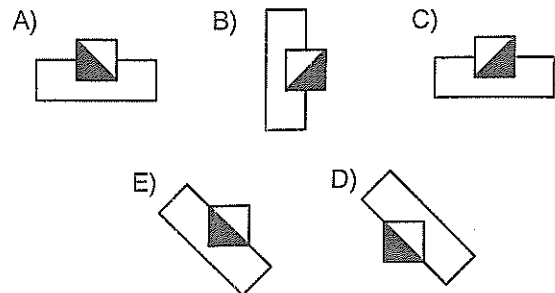
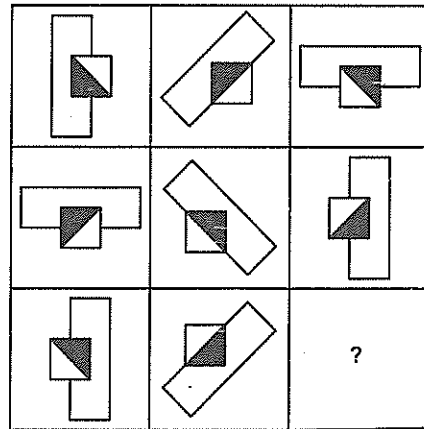
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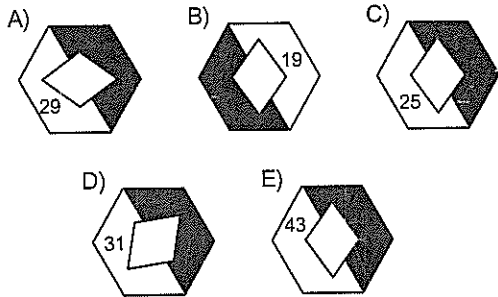
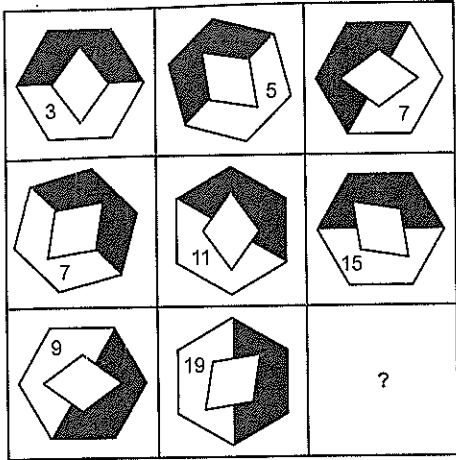
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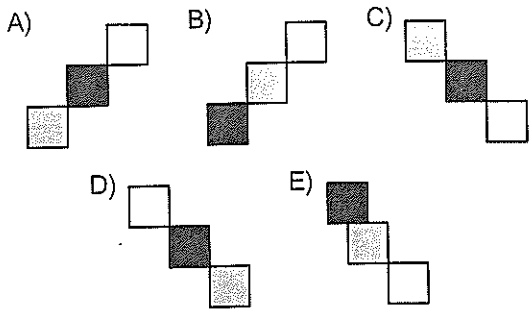
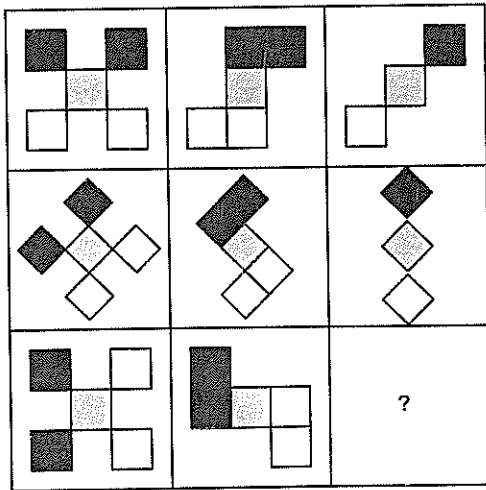
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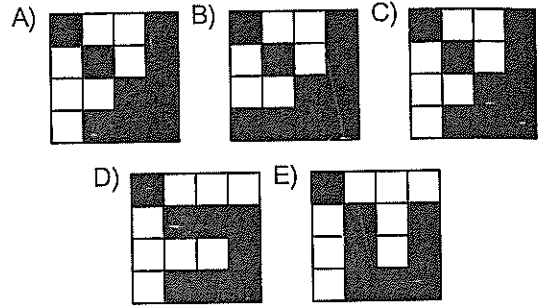
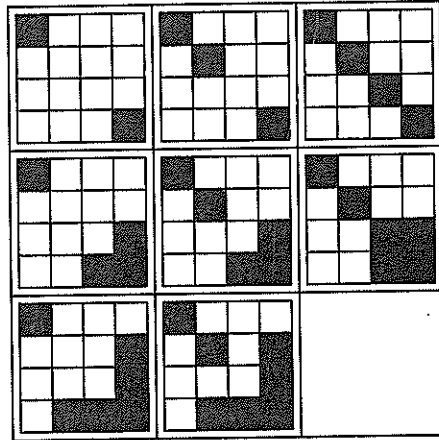
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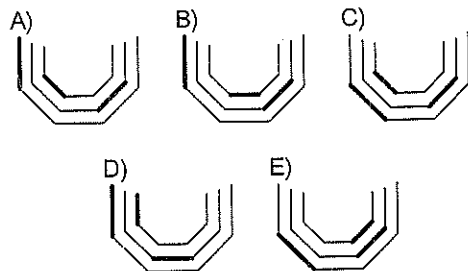
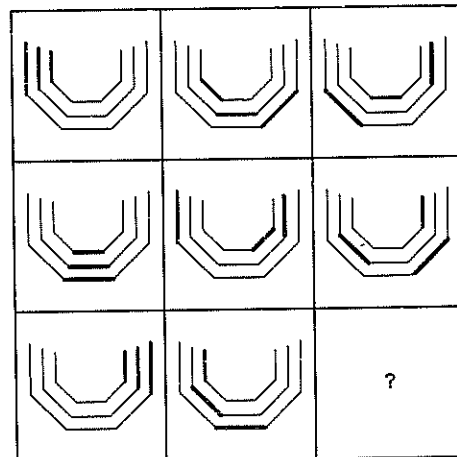
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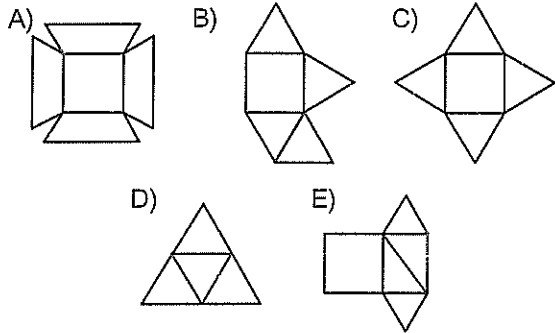
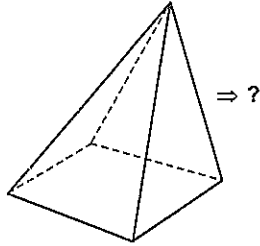
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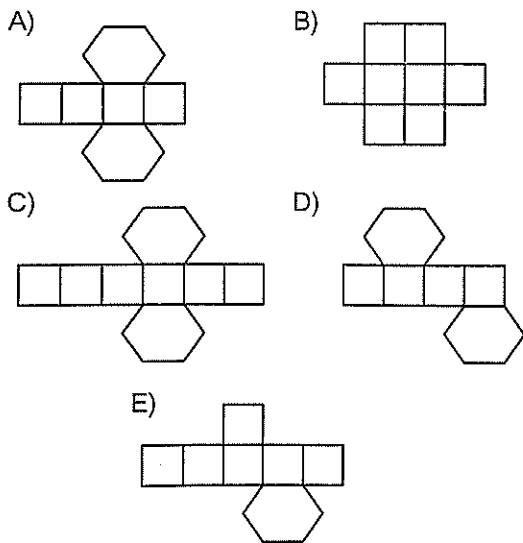
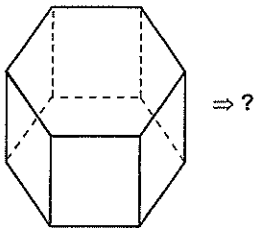
CEVAPLAR / ANSWERS					
1-B	2-C	3-D	4-A	5-A	6-B
7-B	8-A				

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 34
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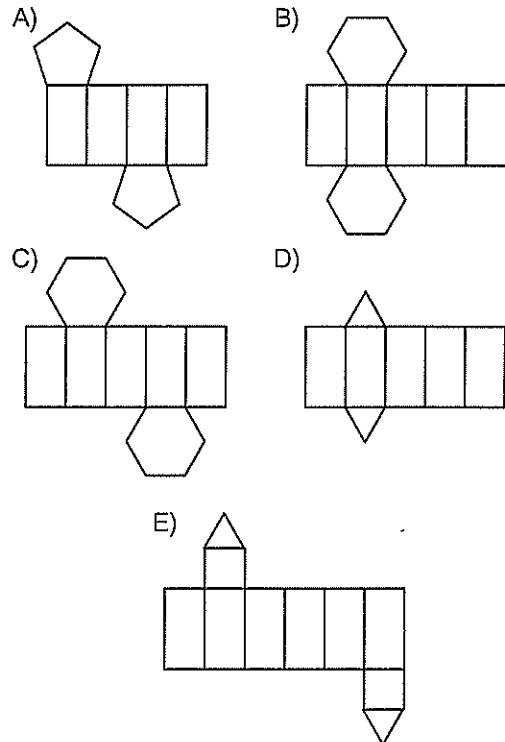
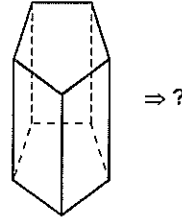
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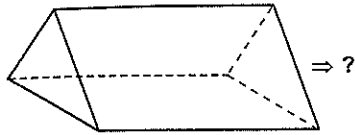
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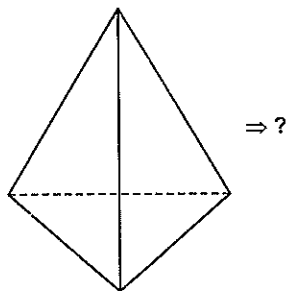


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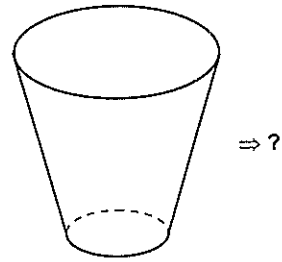
- A)
- B)
- C)
- D)
- E)

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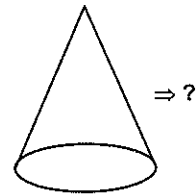
- A)
- B)
- C)
- D)
- E)

6.



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

7.

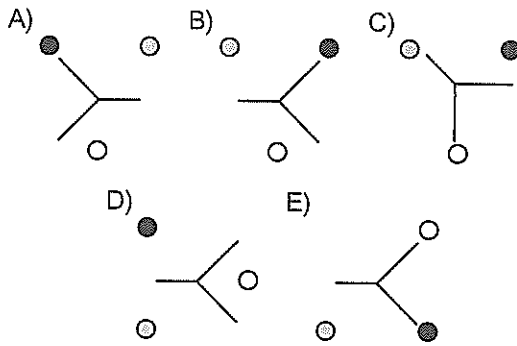
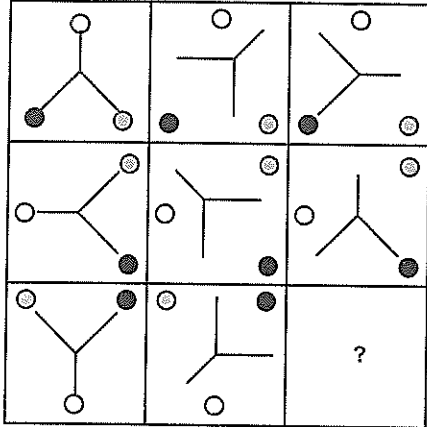


- A)
- B)
- C)
- D)
- E)

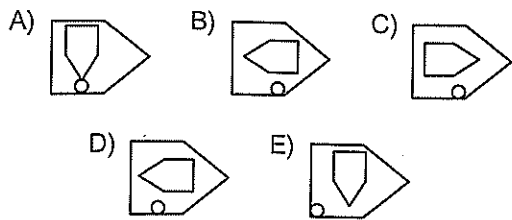
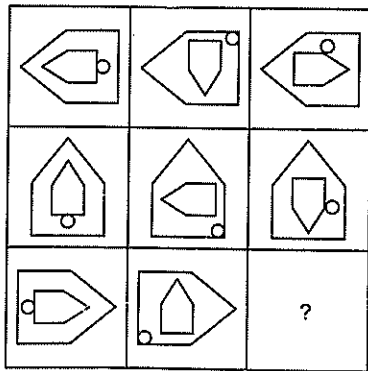
CEVAPLAR / ANSWERS					
1-D	2-C	3-A	4-B	5-B	6-B
7-E					

BÖLÜM 8 CHAPTER 8	ŞEKİL BAĞINTILARI FIGURE RELATIONS	TEST - 35
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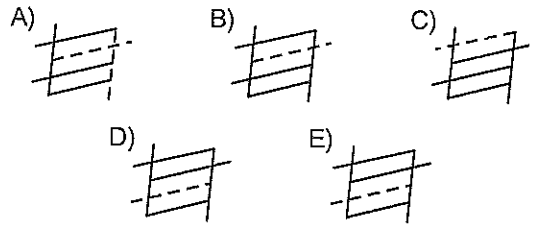
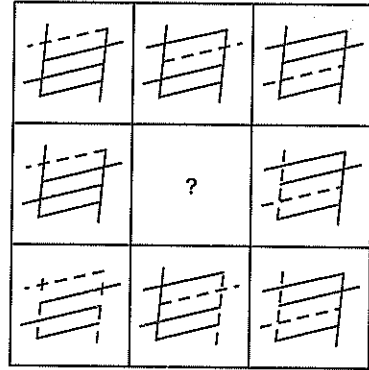
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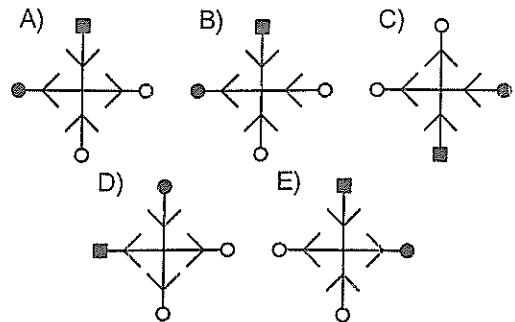
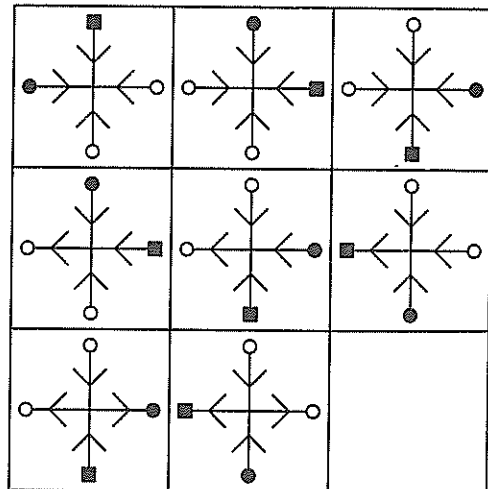
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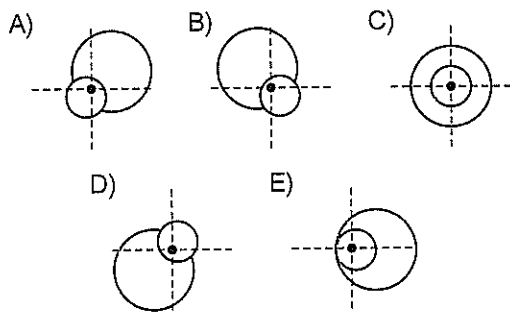
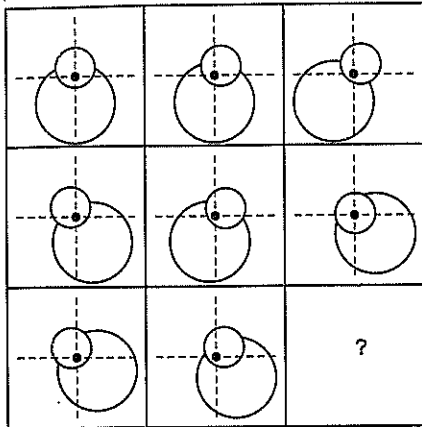
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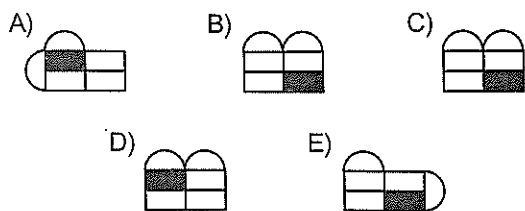
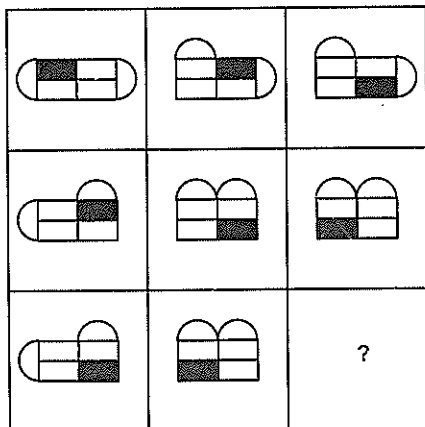
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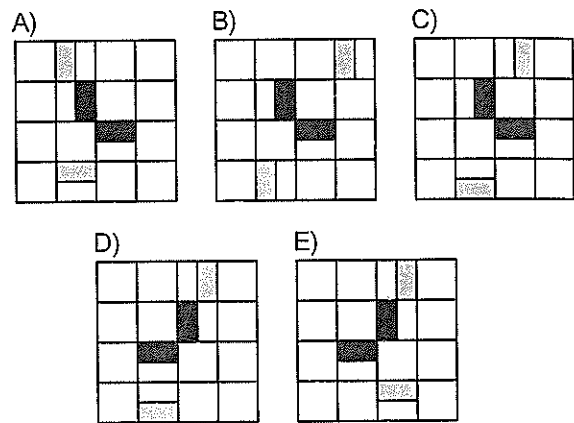
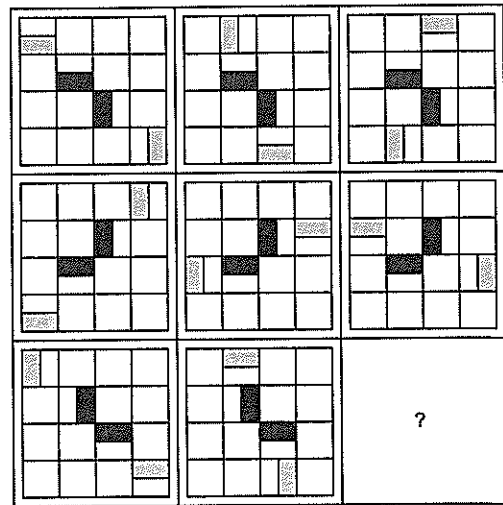
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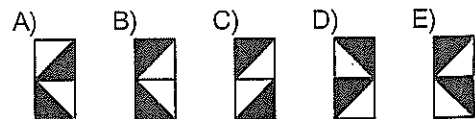
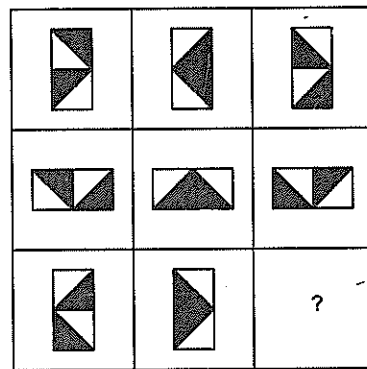
6.



7.



8.



CEVAPLAR / ANSWERS					
1-B	2-D	3-B	4-A	5-E	6-D
7-C	8-E				

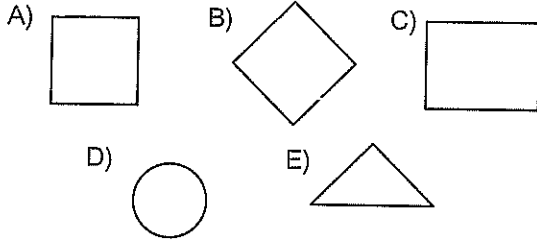
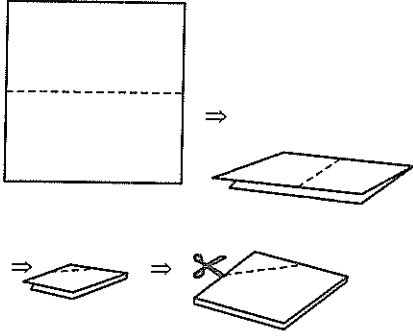
BÖLÜM 8
CHAPTER 8

ŞEKİL BAĞINTILARI
FIGURE RELATIONS

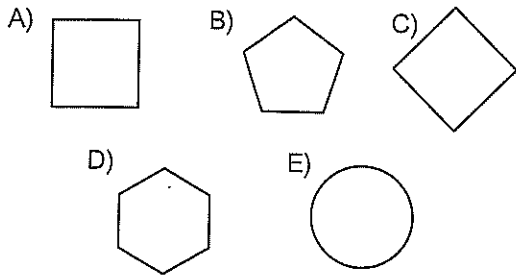
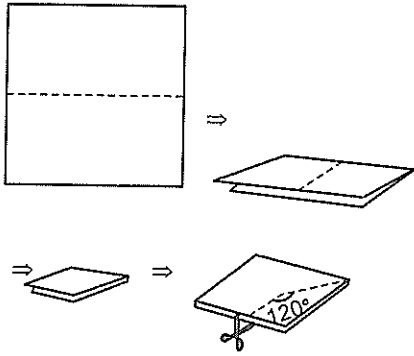
TEST - 36

Not: Aşağıdaki soruları katlamanın bütün tarafından kesilen parçanın açık şeklini değerlendirerek cevaplandırınız.

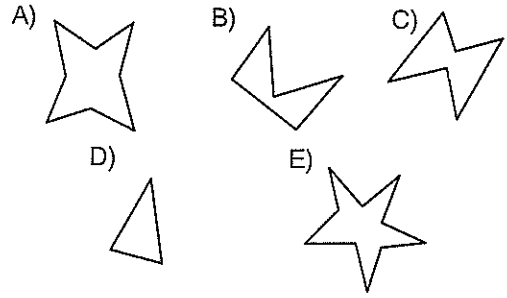
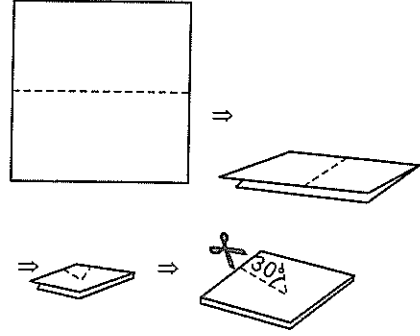
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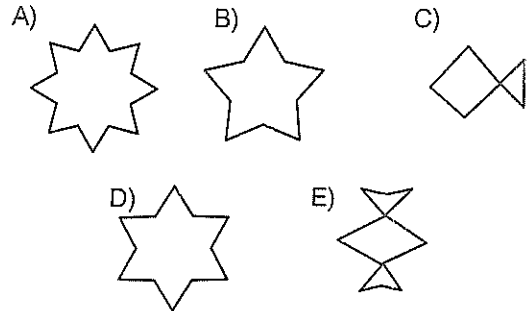
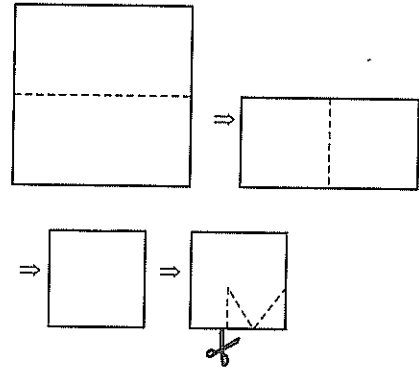
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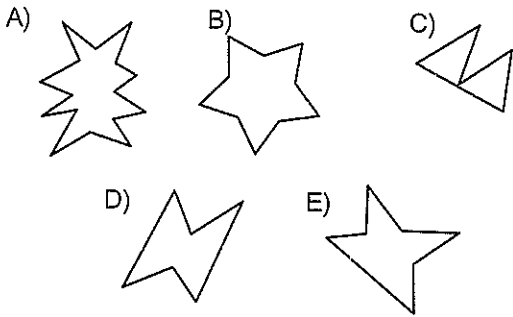
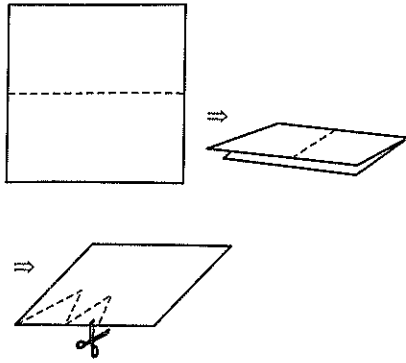
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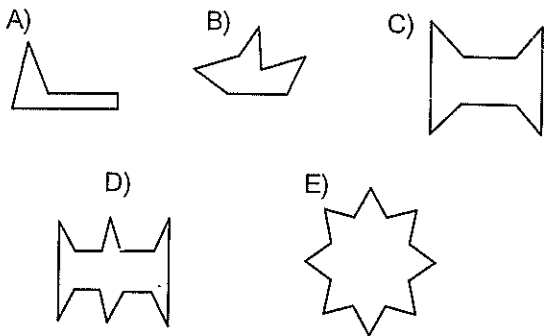
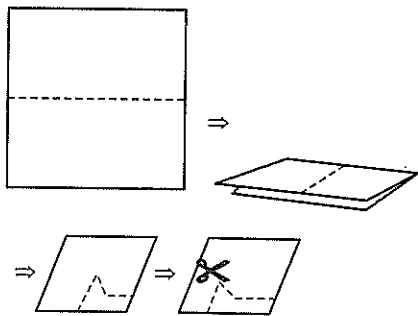
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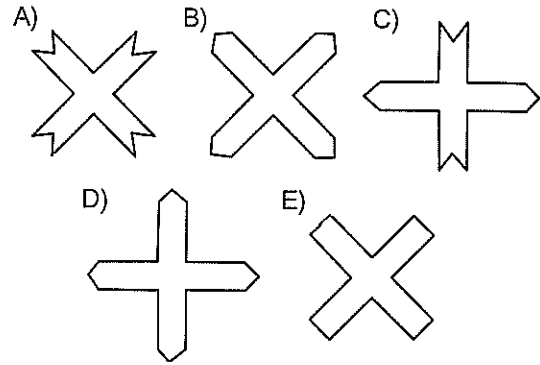
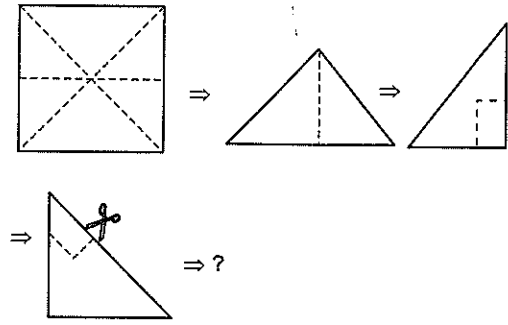
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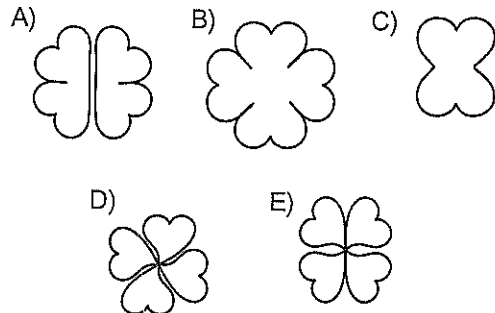
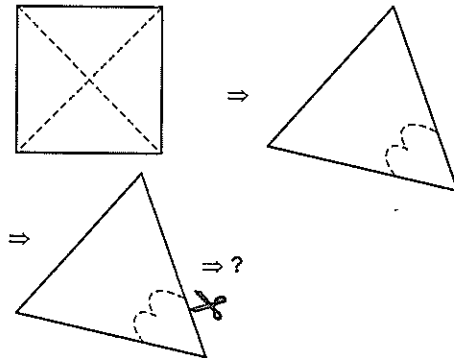
6.



7.



8.



CEVAPLAR / ANSWERS					
1-B	2-D	3-A	4-E	5-A	6-C
7-A	8-A				

BÖLÜM 9

CHAPTER 9

GRAFİKLER
GRAPHICS

BÖLÜM 9
CHAPTER 9**GRAFİKLER**
GRAPHICS**TEST - 1**

1. $\frac{a}{b} = \frac{3}{2}$, $a + b = 20 \Rightarrow a = ?$

- A) 4 B) 8 C) 12 D) 16 E) 18

2. $a = 4b$, $a + b = 30 \Rightarrow b = ?$

- A) 3 B) 5 C) 6 D) 10 E) 12

3. $a = 2c$, $c = 3b$,
 $a + b + c = 40 \Rightarrow b = ?$

- A) 2 B) 3 C) 4 D) 8 E) 12

4. $\frac{a}{b} = \frac{4}{3}$, $\frac{b}{c} = \frac{2}{3}$

$a + b + c = 46 \Rightarrow c = ?$

- A) 12 B) 14 C) 16 D) 18 E) 20

5. $\frac{a}{b} = \frac{b}{c} = \frac{3}{2}$,

$2a + 2b + c = 68 \Rightarrow b = ?$

- A) 8 B) 10 C) 12 D) 16 E) 18

6. $\frac{a}{3} = \frac{b}{4} = \frac{c}{5}$,

$a + b + c = 48 \Rightarrow b + a = ?$

- A) 22 B) 26 C) 28 D) 32 E) 34

7. $\frac{a}{b} = \frac{c}{d} = 2 \Rightarrow \frac{2a \cdot c^2}{d^2 b} = ?$

- A) 2 B) 4 C) 5 D) 16 E) 32

8. $\frac{a-b}{a+b} = \frac{2}{3} \Rightarrow \frac{a+3b}{a-b} = ?$

- A) 1 B) $\frac{7}{4}$ C) 2 D) $\frac{9}{4}$ E) 3

9. $\frac{a+1}{b-2} = \frac{3}{2}, a+b=21 \Rightarrow a-b = ?$

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

10. $\frac{a}{b} = \frac{1}{2}, \frac{b}{c} = \frac{3}{4} \Rightarrow 8a = ?$

- A) $\frac{c}{3}$ B) $\frac{c}{2}$ C) c D) 2c E) 3c

11. $2A = 3B, \frac{1}{A} + \frac{1}{B} = 20 \Rightarrow A = ?$

- A) $\frac{1}{12}$ B) $\frac{1}{8}$ C) $\frac{1}{6}$ D) $\frac{1}{4}$ E) $\frac{1}{2}$

12. $\frac{a+2b}{3c} = 2, \frac{c}{b} = \frac{2}{3} \Rightarrow \frac{a}{c} = ?$

- A) -2 B) -1 C) 0 D) 1 E) 2

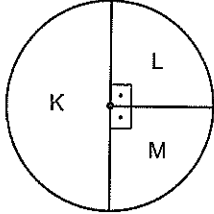
CEVAPLAR / ANSWERS					
1-C	2-C	3-C	4-D	5-C	6-C
7-D	8-C	9-A	10-E	11-B	12-B

BÖLÜM 9
CHAPTER 9

GRAFİKLER
GRAPHICS

TEST - 2

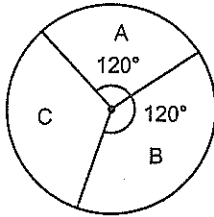
1.



$$\Rightarrow \frac{K+L}{M} = ?$$

- A) 1 B) 2 C) $\frac{3}{2}$ D) 3 E) $\frac{5}{2}$

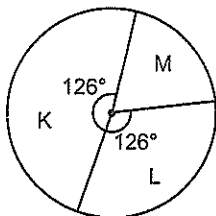
2.



$$A = 10 \Rightarrow B + C = ?$$

- A) 5 B) 10 C) 15 D) 20 E) 30

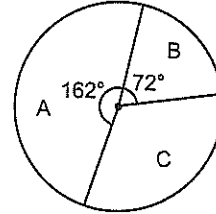
3.



$$K = 28 \Rightarrow L + M = ?$$

- A) 40 B) 44 C) 45 D) 52 E) 56

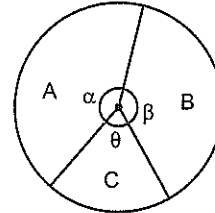
4.



$$A + C = K \cdot B \Rightarrow K = ?$$

- A) 2 B) 3 C) 4 D) 5 E) 6

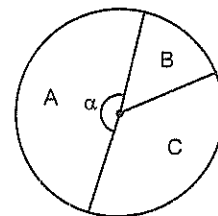
5.



$$\frac{A}{2} = \frac{B}{3} = \frac{C}{4} \Rightarrow B = ?$$

- A) 80 B) 100 C) 120 D) 140 E) 160

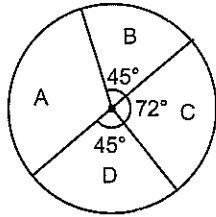
6.



$$A = 63, B = 28, C = 49 \Rightarrow \alpha = ?$$

- A) 90 B) 126 C) 144 D) 162 E) 180

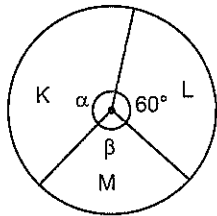
7.



A = ?, B = ?, C = ?, D = ?

A)	B)	C)	D)	E)
A= 6	5	6	6	4
B= 5	6	5	5	5
C= 4	4	7	4	6
D= 6	6	5	5	5

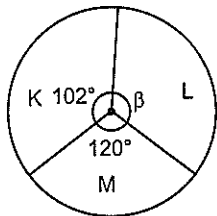
8.



$L = 80$
 $M = 156$ } $\Rightarrow \alpha - \beta = ?$

A) 46	B) 56	C) 66	D) 76	E) 86
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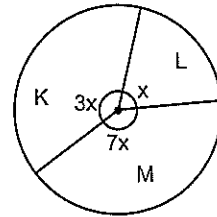
9.



$K = 34 \Rightarrow M - L = ?$

A) 2	B) 4	C) 5	D) 6	E) 8
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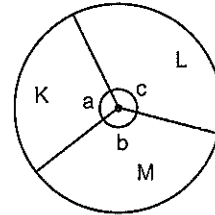
10.



$\Rightarrow \frac{K+M}{2L} = ?$

A) 3	B) 4	C) 5	D) 6	E) 7
------	------	------	------	------

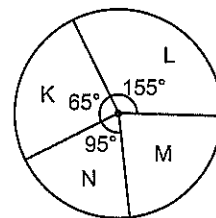
11.



$K = 28$
 $L = 20$
 $M = 42$ } $\Rightarrow a + b - c = ?$

A) 190	B) 192	C) 194	D) 198	E) 200
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12.



$\Rightarrow M \% = ?$

A) 25	B) 20	C) 15	D) 12,5	E) 10
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CEVAPLAR / ANSWERS

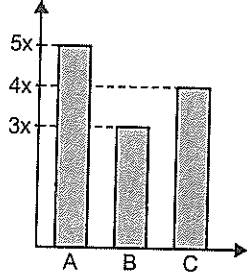
1-D	2-D	3-D	4-C	5-C	6-D
7-D	8-C	9-D	10-C	11-E	12-D

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CHAPTER 9

GRAFİKLER
GRAPHICS

TEST - 3

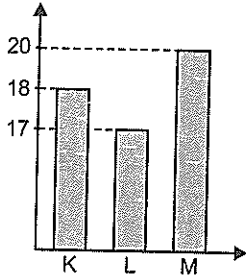
1.



$$\Rightarrow \frac{A+C+B}{A-B} = ?$$

- A) 6 B) 5 C) 4 D) 3 E) 2

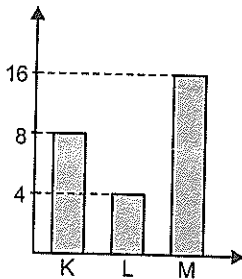
2.



$$K + L + M = ?$$

- A) 55 B) 60 C) 65 D) 70 E) 75

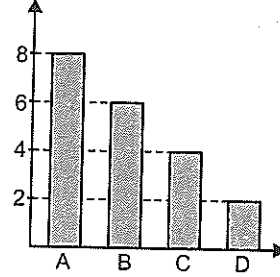
3.



$$\Rightarrow \frac{K+M}{L} = ?$$

- A) 5 B) 6 C) 7 D) 8 E) 9

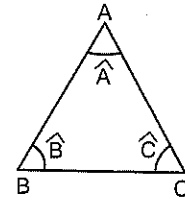
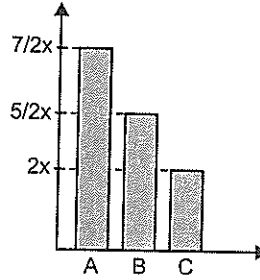
4.



$$A + B + C + D = \%100 \Rightarrow C = \%?$$

- A) 10 B) 15 C) 20 D) 25 E) 30

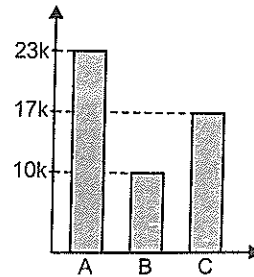
5.



$$\hat{B} = ?$$

- A) $\frac{45}{2}$ B) 45 C) $\frac{135}{2}$ D) 135 E) $\frac{225}{4}$

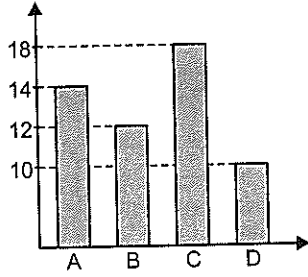
6.



$$B = 15 \Rightarrow A + C = ?$$

- A) 10 B) 15 C) 40 D) 55 E) 60

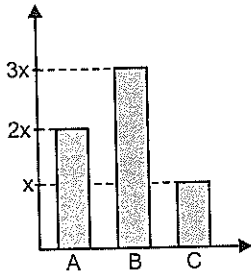
7.



$$\Rightarrow \frac{A+D+B+C}{C} = ?$$

- A) 2 B) 3 C) 4 D) 5 E) 6

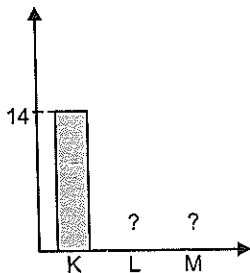
8.



$$\frac{A \cdot C}{A+B+C} = 1 \Rightarrow B+C = ?$$

- A) 3 B) 4 C) 6 D) 12 E) 16

9.



K = □□□□□□

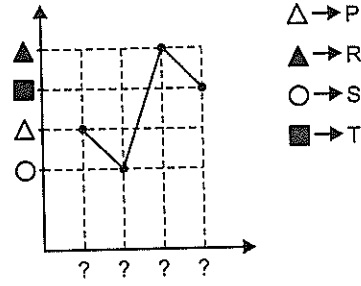
L = □□□□

M = □□□□□□

L + M = ?

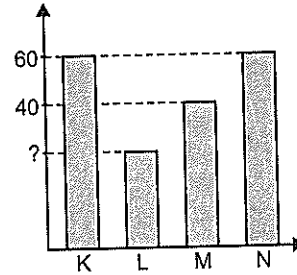
- A) 12 B) 16 C) 18 D) 21 E) 24

10.



- A) PSRT B) TSRP C) PRST
D) PRTS E) STRP

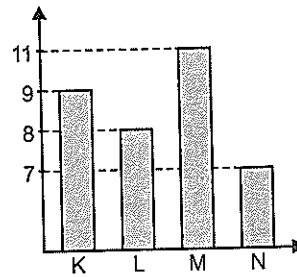
11.



$$L = \%20 \Rightarrow L = ?$$

- A) 20 B) 30 C) 40 D) 50 E) 60

12.



$$\Rightarrow N = \%?$$

- A) 20 B) 25 C) 30 D) 35 E) 40

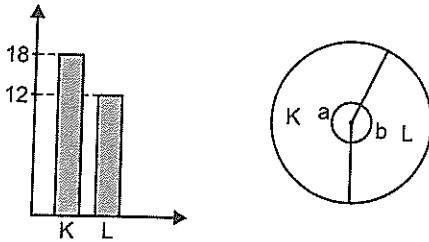
CEVAPLAR / ANSWERS					
1-A	2-A	3-B	4-C	5-E	6-E
7-B	8-D	9-D	10-A	11-C	12-A

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GRAPHICS

TEST - 4

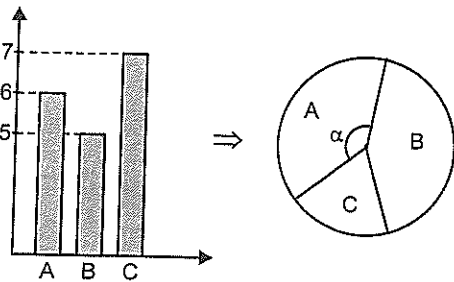
1.



$a - b = ?$

- A) 54 B) 60 C) 66 D) 72 E) 78

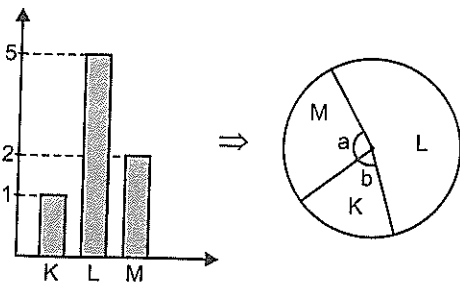
2.



$\alpha = ?$

- A) 100 B) 110 C) 120 D) 130 E) 135

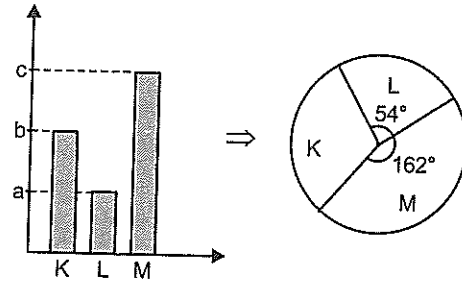
3.



$a + b = ?$

- A) 108 B) 120 C) 130 D) 135 E) 140

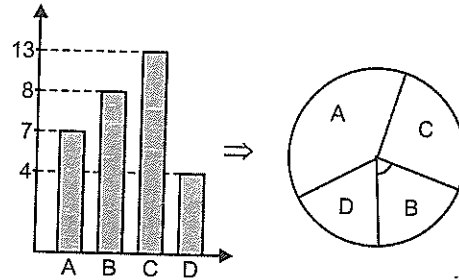
4.



$\frac{c-a}{c-b} = ?$

- A) 6 B) 5 C) 4 D) 3 E) 2

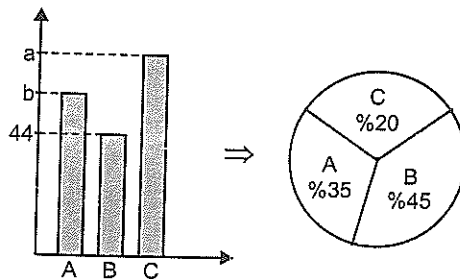
5.



$\Rightarrow B = ?$

- A) 12,5 B) 15 C) 20 D) 24 E) 25

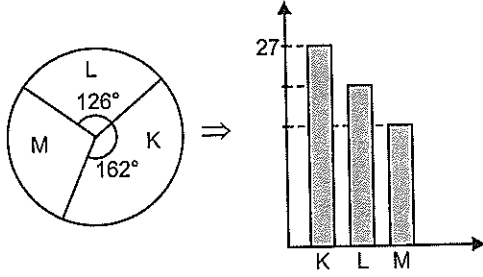
6.



$(b, a) = ?$

- A) (63, 99) B) (73, 88) C) (99, 77)
D) (77, 99) E) (99, 63)

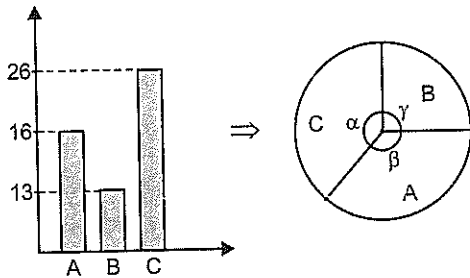
7.



$\Rightarrow L - M = ?$

- A) 3 B) 6 C) 9 D) 12 E) 15

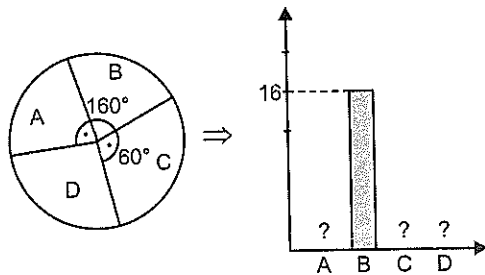
8.



$\gamma = ?$

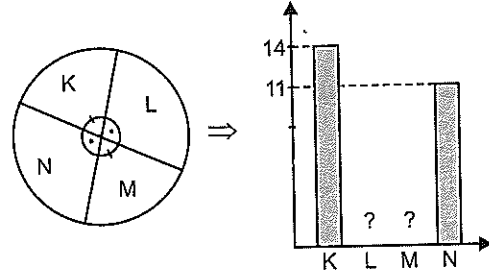
- A) 84 B) 96 C) 104 D) 115 E) 120

9.



A)	B)	C)	D)	E)
A= 3	6	6	3	12
B= 4	8	16	8	16
C= 3	6	6	3	12
D= 8	16	8	4	4

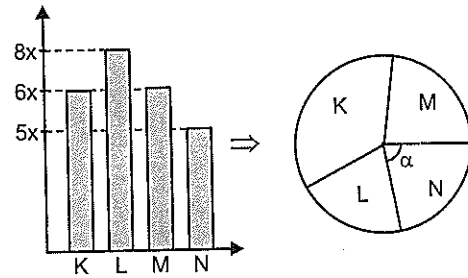
10.



$K + L + M + N = ?$

- A) 25 B) 36 C) 38 D) 45 E) 50

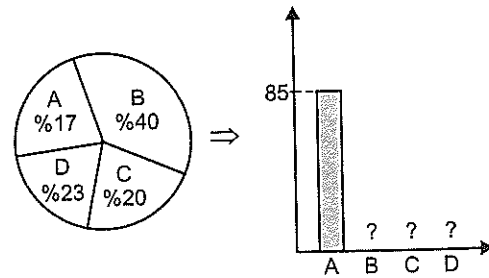
11.



$x = ?$

- A) 60 B) 65 C) 72 D) 75 E) 85

12.



$D + C - A = ?$

- A) 5 B) 10 C) 15 D) 20 E) 25

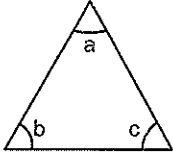
CEVAPLAR / ANSWERS					
1-D	2-C	3-D	4-A	5-E	6-D
7-C	8-C	9-D	10-E	11-C	12-C

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TEST - 5

1.

$$2a = 3b = 6c$$

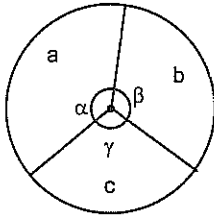
$$\Rightarrow b = ?$$



- A) 30 B) 45 C) 60 D) 75 E) 90

2.

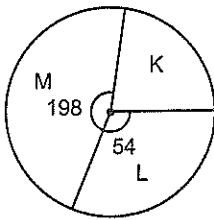
$$\left. \begin{array}{l} \frac{a}{b} = \frac{3}{2} \\ \frac{b}{c} = \frac{4}{5} \end{array} \right\} \Rightarrow$$



$$\alpha = ?, \beta = ?, \gamma = ?$$

- | | | | | |
|----------------|-----|-----|-----|-----|
| A) | B) | C) | D) | E) |
| $\alpha = 162$ | 162 | 162 | 144 | 144 |
| $\beta = 54$ | 72 | 54 | 72 | 96 |
| $\gamma = 144$ | 126 | 144 | 144 | 120 |

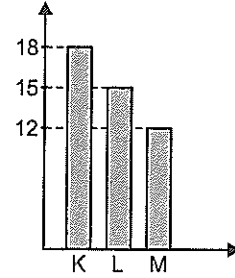
3.



$$\Rightarrow \frac{K+2L}{M} = ?$$

- A) $\frac{11}{12}$ B) $\frac{12}{11}$ C) $\frac{13}{12}$ D) $\frac{12}{13}$ E) 1

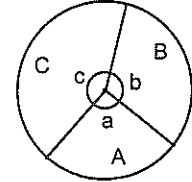
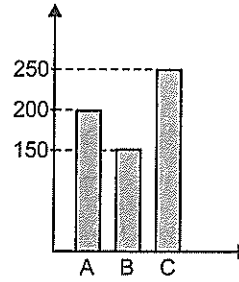
4.



$$\Rightarrow \frac{K+M}{L} = ?$$

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

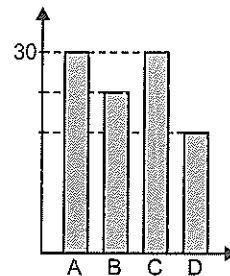
5.



$$a = ?, b = ?, c = ?$$

- | | | | | |
|-----------|-----|-----|-----|-----|
| A) | B) | C) | D) | E) |
| $a = 120$ | 90 | 180 | 120 | 90 |
| $b = 90$ | 120 | 120 | 180 | 180 |
| $c = 150$ | 150 | 90 | 90 | 120 |

6.



$$\frac{A}{B} = 2$$

$$\frac{B}{C} = \frac{1}{2}$$

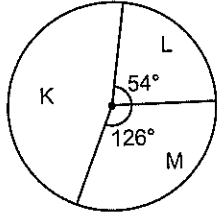
$$\frac{C}{D} = \frac{5}{2}$$

$$\Rightarrow A+C-(B+D) = ?$$

- A) 20 B) 23 C) 24 D) 33 E) 35

Grafikler

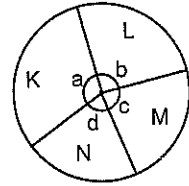
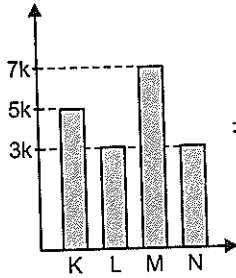
7.



$$K + L + 2M = 108 \Rightarrow L = ?$$

- A) 4 B) 8 C) 12 D) 16 E) 20

8.



$$c = ?$$

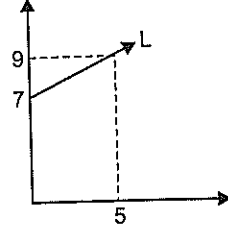
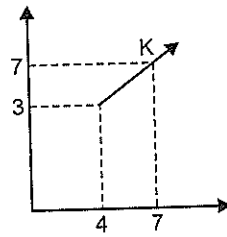
- A) 120 B) 110 C) 100 D) 90 E) 80

9. $\frac{a}{b} = \frac{3}{4}, \frac{b}{c} = \frac{3}{4}$

$$a + b + c = 11 \Rightarrow b = ?$$

- A) 27 B) 30 C) 33 D) 36 E) 39

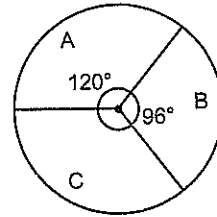
10.



$$\left. \begin{array}{l} K, x = 40 \Rightarrow y = A \\ L, x = 40 \Rightarrow y = B \end{array} \right\} \Rightarrow A + B = ?$$

- A) 67 B) 71 C) 73 D) 75 E) 77

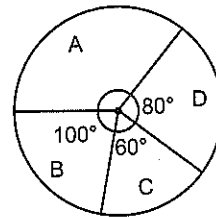
11.



$$A, B, C = ?$$

- A) 5k, 4k, 7k B) 6k, 5k, 4k C) 6k, 5k, 6k
D) 5k, 4k, 5k E) 5k, 4k, 6k

12.



$$B = 120 \Rightarrow A = ?$$

- A) 120 B) 125 C) 132 D) 140 E) 144

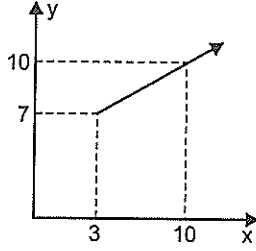
CEVAPLAR / ANSWERS					
1-C	2-E	3-B	4-B	5-A	6-D
7-C	8-C	9-D	10-D	11-E	12-E

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TEST - 6

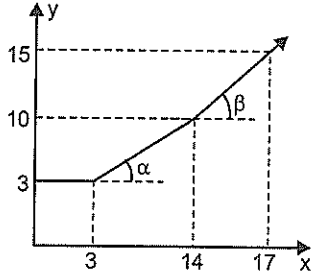
1.



$$x = 101 \Rightarrow y = ?$$

- A) 47 B) 48 C) 49 D) 50 E) 51

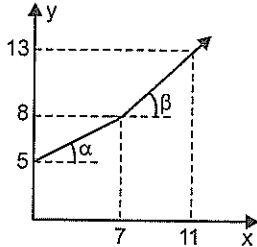
2.



$$x = 80 \Rightarrow y = ?$$

- A) 108 B) 111 C) 114 D) 117 E) 120

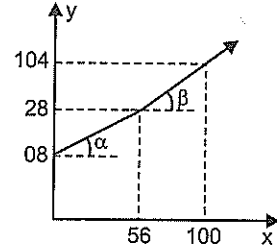
3.



$$x = 78 \Rightarrow y = ?$$

- A) 83 B) 87 C) 89 D) 91 E) 98

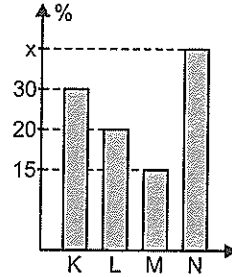
4.



$$\left. \begin{array}{l} x = 14 \Rightarrow y = A \\ x = 199 \Rightarrow y = B \end{array} \right\} \Rightarrow B - A = ?$$

- A) 262 B) 261 C) 260 D) 257 E) 253

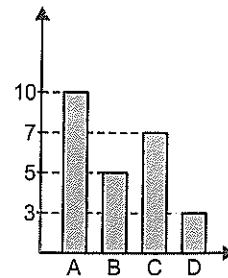
5.



$$M = 6 \Rightarrow N = ?$$

- A) 24 B) 26 C) 28 D) 30 E) 32

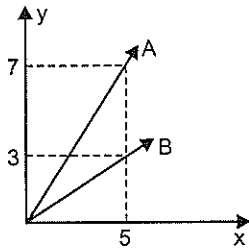
6.



$$A = \%?$$

- A) 40 B) 28 C) 20 D) 12 E) 10

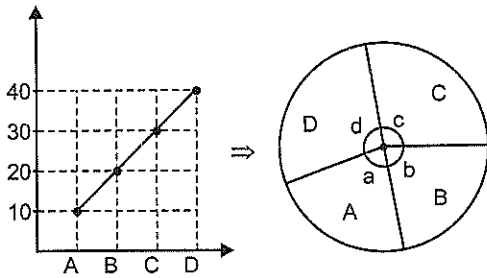
7.



$x = 20 \Rightarrow Ay + By = ?$

- A) 28 B) 30 C) 32 D) 36 E) 40

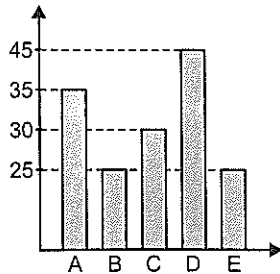
8.



$c - a = ?$

- A) 36 B) 54 C) 72 D) 90 E) 108

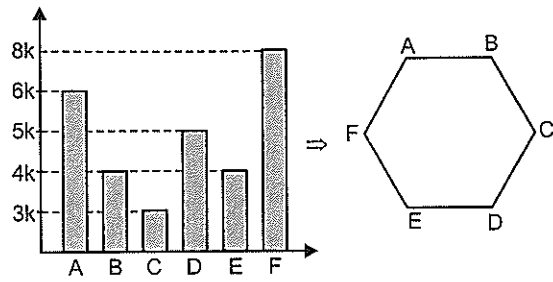
9.



$A + D = \%?$

- A) 20 B) 25 C) 30 D) 35 E) 40

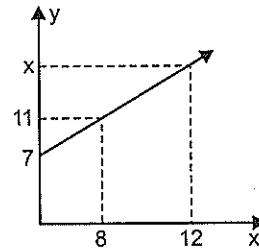
10.



$\hat{D} = ?$

- A) 72 B) 96 C) 120 D) 144 E) 168

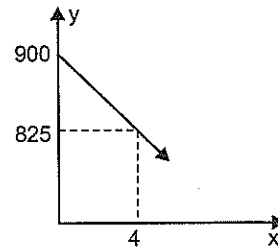
11.



$x = ?$

- A) 62 B) 64 C) 66 D) 68 E) 70

12.



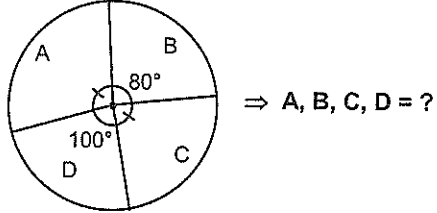
$y = 75 \Rightarrow x = ?$

- A) 40 B) 42 C) 44 D) 46 E) 48

CEVAPLAR / ANSWERS					
1-C	2-E	3-E	4-A	5-B	6-A
7-E	8-C	9-B	10-C	11-D	12-C

BÖLÜM 9
CHAPTER 9
GRAFİKLER
GRAPHICS
TEST - 7

1.

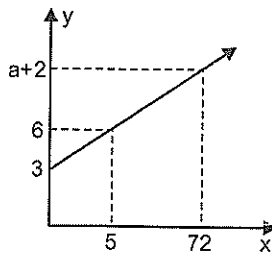


	A	B	C	D
A)	9	8	6	10
B)	9	8	8	10
C)	9	8	8	9
D)	18	16	18	20
E)	18	16	18	16

2. $\frac{A}{B} = \frac{C}{A} = \frac{D}{C} = \frac{3}{4} \Rightarrow A, B, C, D = ?$

	A	B	C	D
A)	48	64	36	34
B)	48	64	27	27
C)	48	64	27	36
D)	18	36	64	27
E)	18	64	36	27

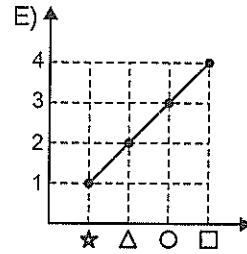
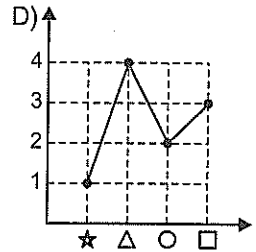
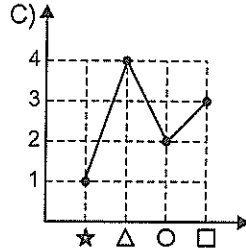
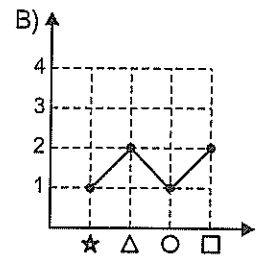
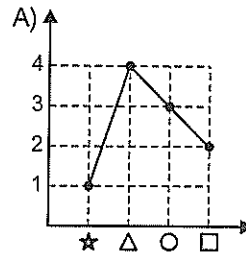
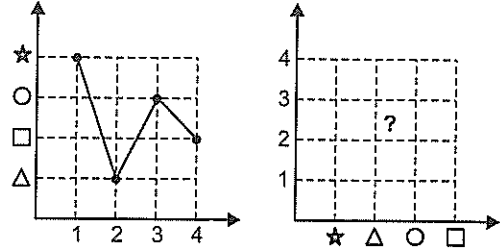
3.



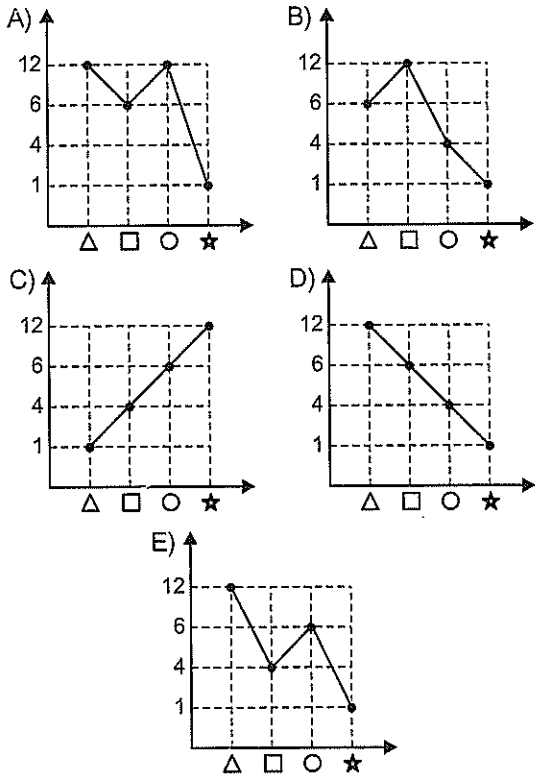
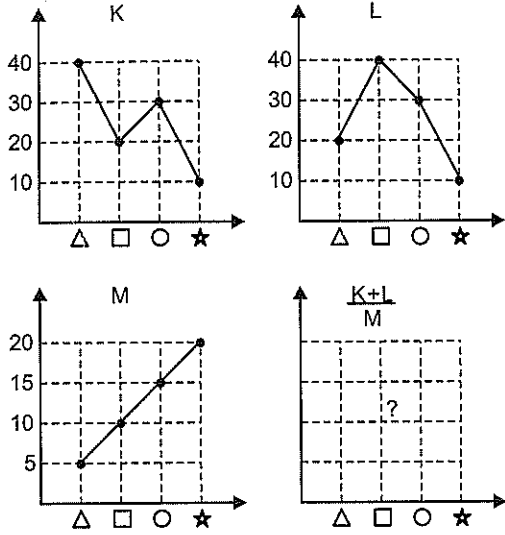
a = ?

A)	38	B)	40	C)	42	D)	44	E)	46
----	----	----	----	----	----	----	----	----	----

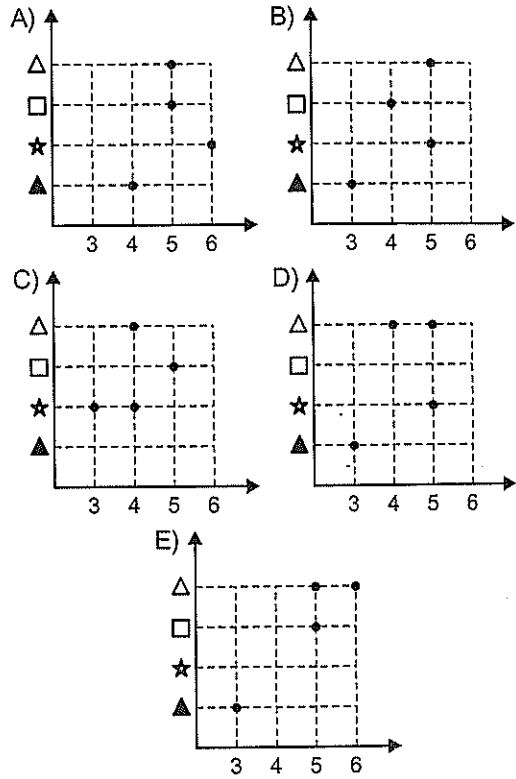
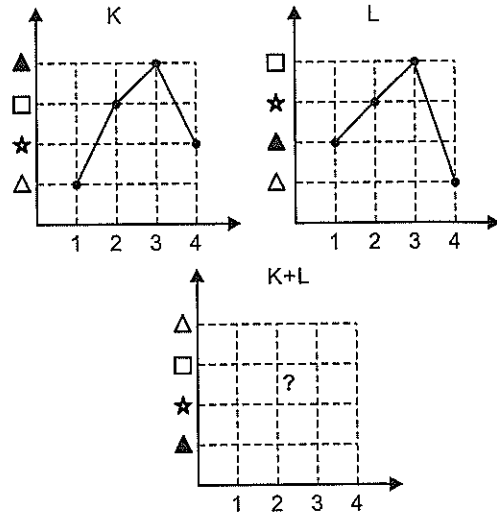
4.



5.



6.



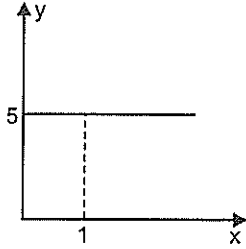
CEVAPLAR / ANSWERS					
1-D	2-E	3-B	4-E	5-D	6-A

BÖLÜM 9
CHAPTER 9

GRAFİKLER
GRAPHICS

TEST - 8

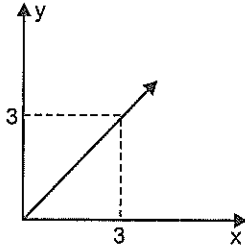
1.



$$X = 20 \Rightarrow Y = ?$$

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

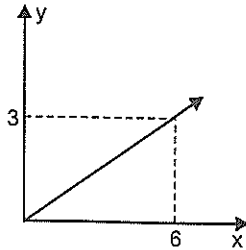
2.



$$x = 101 \Rightarrow y = ?$$

- A) 3 B) 9 C) 95 D) 98 E) 101

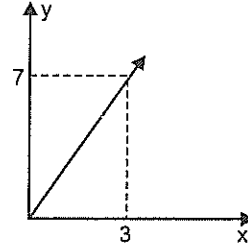
3.



$$x = 28 \Rightarrow y = ?$$

- A) 12 B) 14 C) 20 D) 24 E) 28

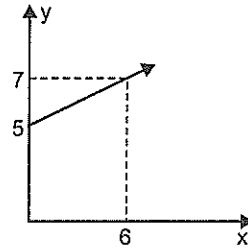
4.



$$y = 77 \Rightarrow x = ?$$

- A) 22 B) 33 C) 44 D) 55 E) 77

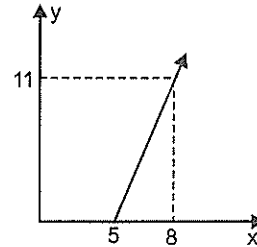
5.



$$x = 72 \Rightarrow y = ?$$

- A) 20 B) 24 C) 26 D) 28 E) 30

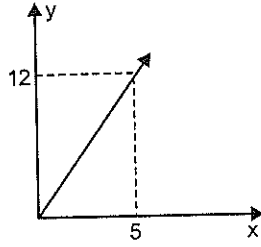
6.



$$y = 44 \Rightarrow x = ?$$

- A) 43 B) 28 C) 25 D) 20 E) 17

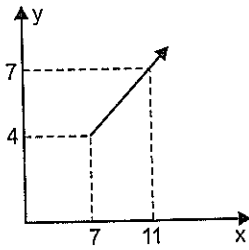
7.



$$x = 25 \Rightarrow y = ?$$

- A) 60 B) 55 C) 50 D) 45 E) 40

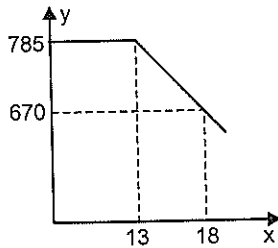
8.



$$x = 71 \Rightarrow y = ?$$

- A) 50 B) 52 C) 64 D) 67 E) 102

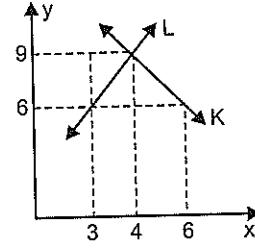
9.



$$y = 210 \Rightarrow x = ?$$

- A) 23 B) 28 C) 33 D) 38 E) 43

10.

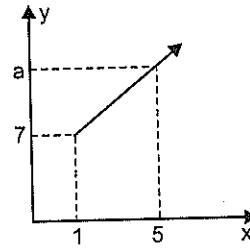


$$y = 21 \Rightarrow K_x = A$$

$$L_x = B \Rightarrow A + B = ?$$

- A) 12 B) 10 C) 8 D) 6 E) 4

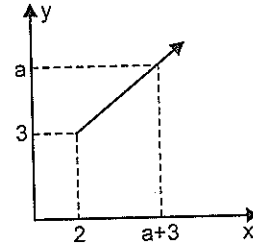
11.



$$x = 37, y = 61 \Rightarrow a = ?$$

- A) 10 B) 11 C) 12 D) 13 E) 14

12.



$$x = 65, y = 30 \Rightarrow a = ?$$

- A) 6 B) 7 C) 8 D) 9 E) 10

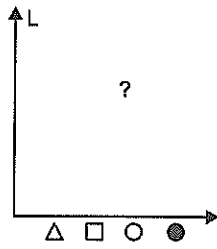
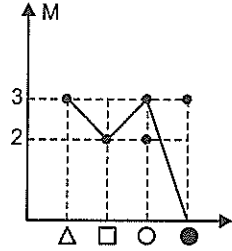
CEVAPLAR / ANSWERS

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

BÖLÜM 9 CHAPTER 9	GRAFİKLER GRAPHICS	TEST - 9
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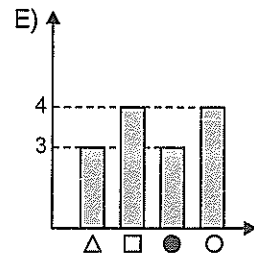
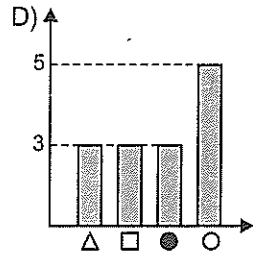
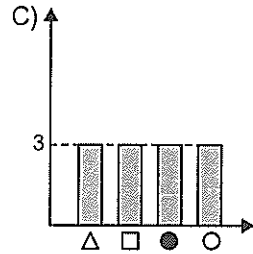
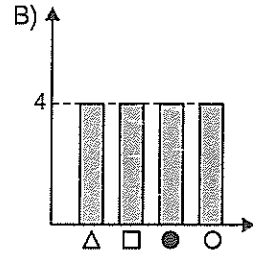
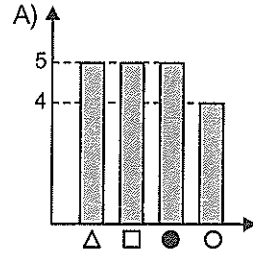
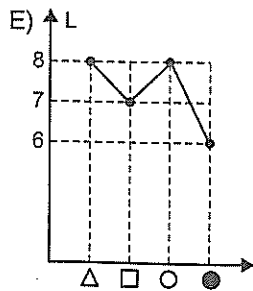
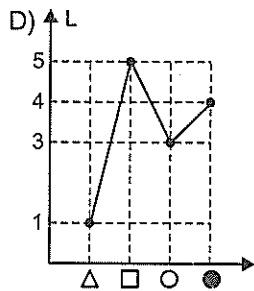
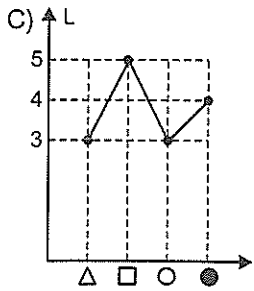
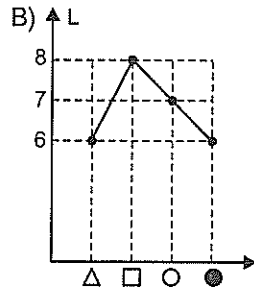
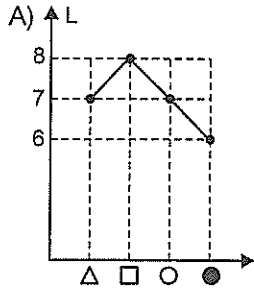
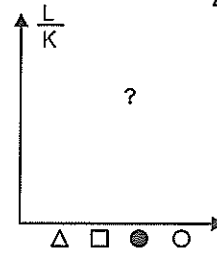
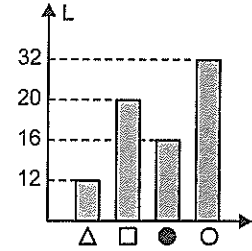
1.

★	K	L	M
△	5	7	3
□	4	8	2
○	1	7	3
●	9	6	0

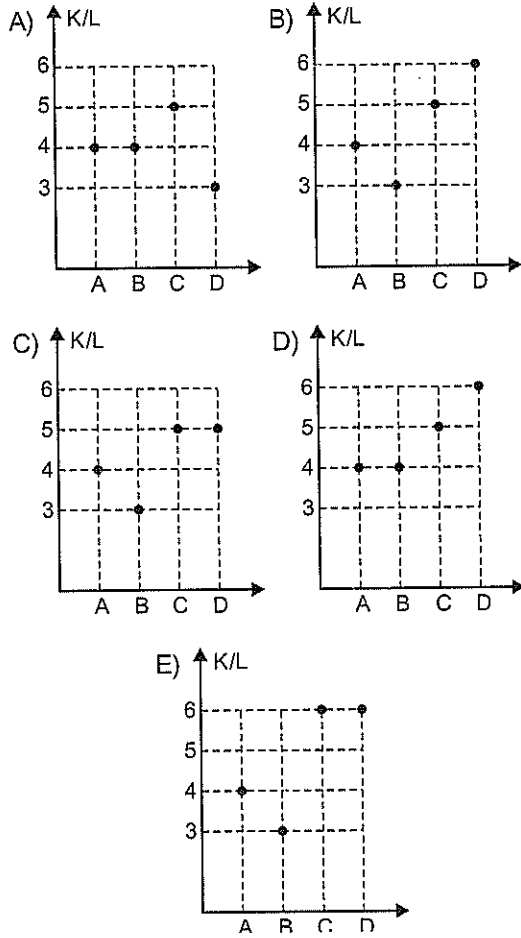
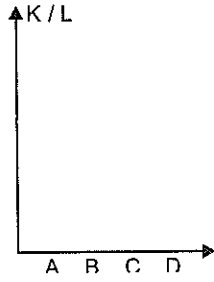
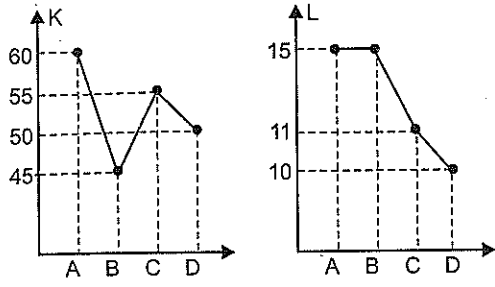


2.

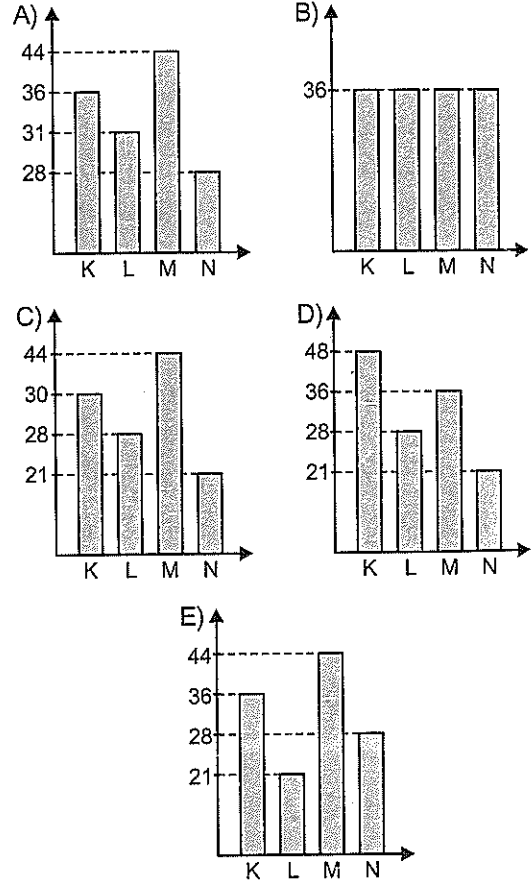
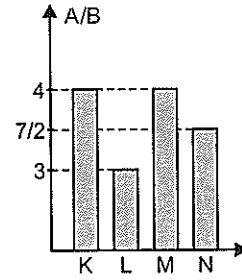
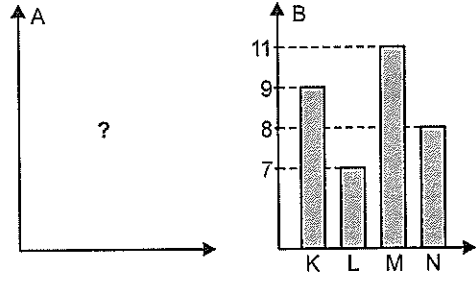
★	K	L
△	3	12
□	5	20
●	4	16
○	8	32



3.



4.



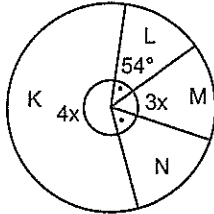
CEVAPLAR / ANSWERS					
1-A	2-B	3-C	4-E		

BÖLÜM 9
CHAPTER 9

GRAFİKLER
GRAPHICS

TEST - 10

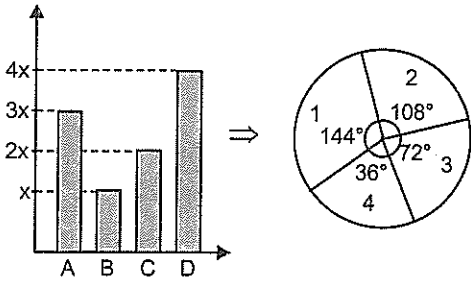
1.



$K = 64 \Rightarrow L = ?$

- A) 8 B) 16 C) 24 D) 32 E) 40

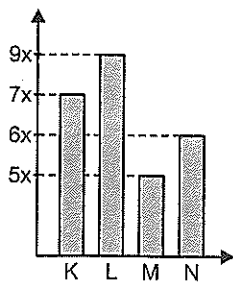
2.



$1, 2, 3, 4 = ?$

- A) ABCD B) DCBA C) DABC
D) ABDC E) DACB

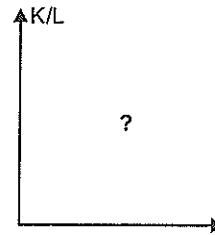
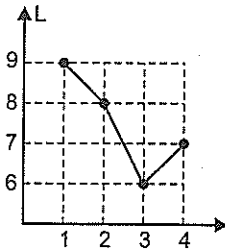
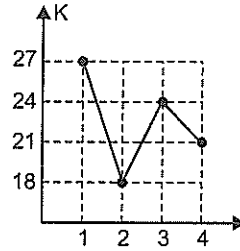
3.



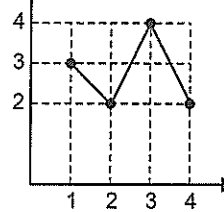
$N = 4 \Rightarrow K + L + M + N = ?$

- A) 9 B) 12 C) 15 D) 18 E) 21

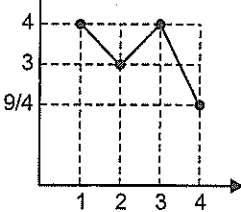
4.



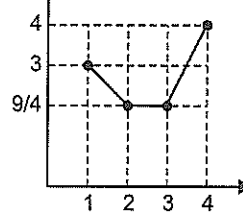
A) K/L



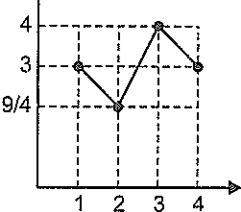
B) K/L



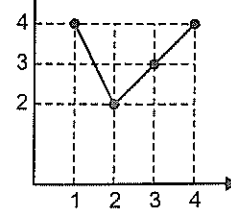
C) K/L



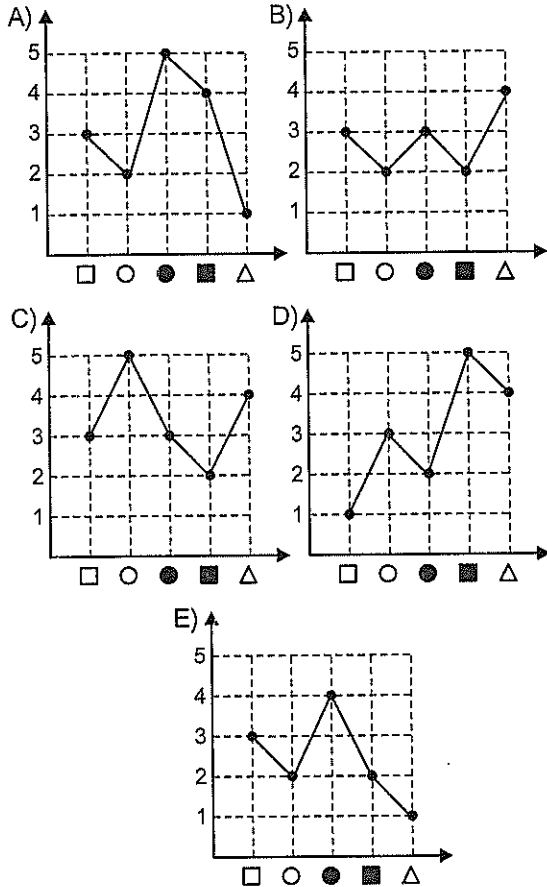
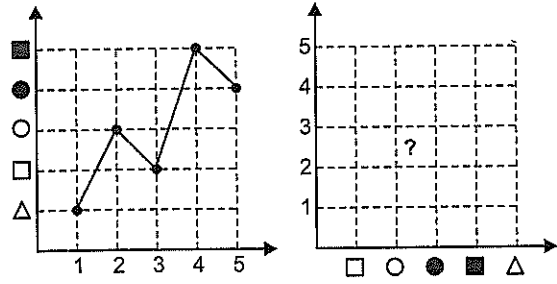
D) K/L



E) K/L

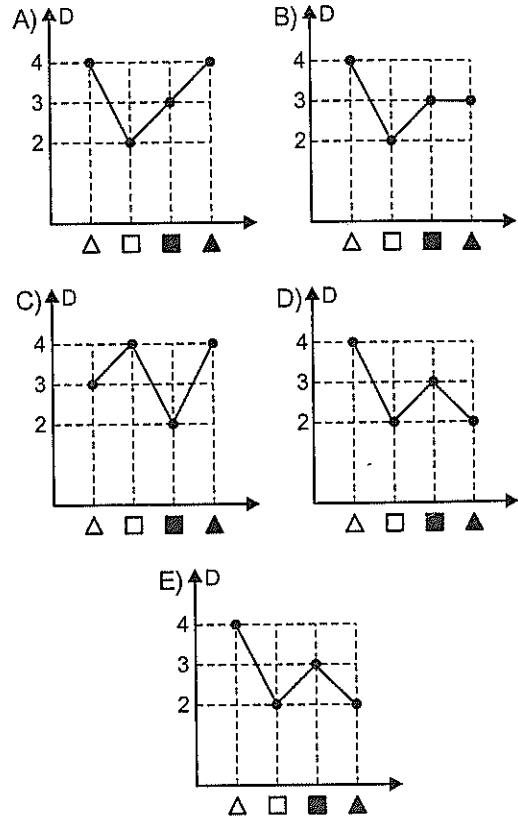
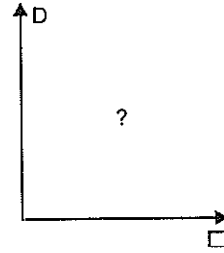
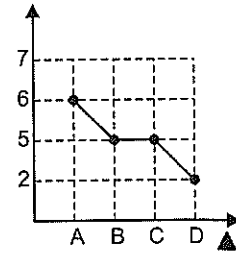


5.



6.

	A	B	C	D
△	5	4	3	4
□	7	6	4	2
■	5	4	4	3
▲	6	5	5	2



CEVAPLAR / ANSWERS					
1-C	2-E	3-D	4-D	5-A	6-D

BÖLÜM 10

CHAPTER 10

SAYMA

????????????????

BÖLÜM 10 CHAPTER 10	SAYMA PERMUTATION, COMBINATION	TEST - 1
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Bu bölümde matematik konusu olan permütasyon ve kombinasyonun IQ mantık soruları ile ilgili olan kısmını göreceğiz.

$$P(n, r) = \frac{n!}{(n-r)!}$$

$$C(n, r) = \frac{n!}{(n-r)! \cdot r!} \text{ olarak formüller verilmiştir.}$$

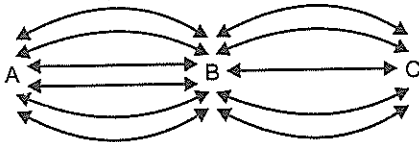
1.



A-B yolu kaç farklı şekilde kullanılır?

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

2.



A'dan C'ye kaç farklı şekilde gidilir?

- A) 7 B) 9 C) 15 D) 24 E) 30

- ★ İki rakamdan yalnız 1 doğru geçer.
- ★ İki doğru en çok bir noktada kesişir.
- ★ Doğrusal olmayan 3 noktadan düzlem (üçgen) geçer.

3. İki noktadan en çok kaç doğru geçer?

- A) 0 B) 1 C) 2 D) 3 E) 4

4. 3 noktadan en çok kaç doğru geçer?

- A) 0 B) 1 C) 2 D) 3 E) 6

5. Birbirinden farklı 8 noktadan en çok kaç doğru geçer?

- A) 8 B) 16 C) 24 D) 28 E) 36

6. Bir noktadan kaç doğru geçer?

- A) 0 B) 1 C) 2 D) 100 E) ∞

7. Doğrusal olmayan 9 noktadan en az kaç doğru geçer?

- A) 30 B) 33 C) 35 D) 36 E) 50

8. Doğrusal olmayan 9 nokta ile en çok kaç üçgen çizilir?

- A) 20 B) 25 C) 45 D) 75 E) 84

9. 6'sı aynı doğru üzerinde bulunan 11 nokta ile en çok kaç üçgen çizilir?

- A) 100 B) 120 C) 145 D) 155 E) 175

10. 10 nokta ile en çok kaç dörtgen çizilir?

- A) 100 B) 120 C) 145 D) 210 E) 280

11. 9 nokta ile en çok kaç beşgen çizilir?

- A) 100 B) 108 C) 126 D) 144 E) 180

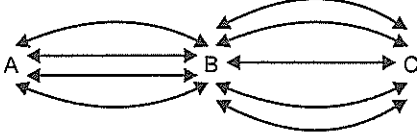
12. 6'sı doğrusal olan 10 nokta ile en çok kaç dörtgen çizilir?

- A) 230 B) 220 C) 195 D) 170 E) 155

CEVAPLAR / ANSWERS					
1-E	2-E	3-B	4-D	5-D	6-E
7-D	8-C	9-C	10-D	11-C	12-C

BÖLÜM 10 CHAPTER 10	SAYMA NUMBERS	TEST - 2
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1.



A'dan C'ye kaç farklı yoldan gidilir?

- A) 7 B) 12 C) 16 D) 20 E) 24

2. 10 nokta ile en çok kaç doğru çizilir?

- A) 10 B) 20 C) 35 D) 45 E) 60

3. 10 nokta ile en çok kaç üçgen çizilir?

- A) 10 B) 30 C) 55 D) 120 E) 150

4. 5'i paralel olan 10 doğru en çok kaç noktada kesişir?

- A) 5 B) 25 C) 35 D) 45 E) 125

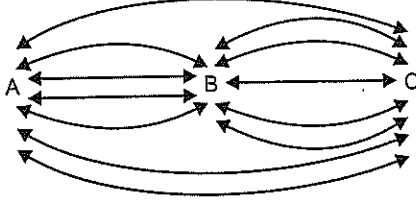
5. 10 doğru en az kaç noktada kesişir?

- A) 0 B) 2 C) 5 D) 10 E) 45

6. Doğrusal olmayan 3 nokta kaç düzlem belirtir?

- A) 0 B) 1 C) 2 D) 3 E) 6

7.



A'dan C'ye kaç farklı yolla gidilir?

- A) 12 B) 17 C) 20 D) 23 E) 27

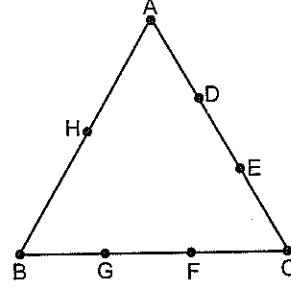
8. 5 tanesi paralel, 4 tanesi aynı noktadan geçen 12 doğru en çok kaç noktada kesişir?

- A) 31 B) 41 C) 45 D) 51 E) 55

9. 6 doğru ile paralel olan 4 doğru en çok kaç noktada kesişir?

- A) 27 B) 39 C) 41 D) 51 E) 57

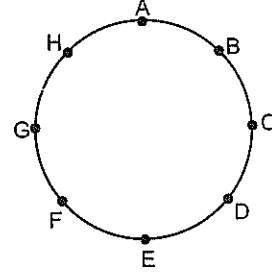
10.



Şekildeki üçgen üzerindeki noktalar ile kaç üçgen çizilebilir?

- A) 18 B) 36 C) 37 D) 47 E) 48

11.



Şekildeki daire üzerindeki 8 nokta ile en çok kaç üçgen çizilebilir?

- A) 56 B) 52 C) 47 D) 42 E) 34

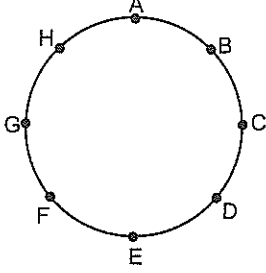
12. 5'i paralel 8 doğru en çok kaç noktada kesişir?

- A) 10 B) 16 C) 18 D) 24 E) 30

CEVAPLAR / ANSWERS					
1-D	2-D	3-D	4-C	5-A	6-B
7-D	8-D	9-B	10-D	11-A	12-C

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1.



Şekildeki 8 nokta ile kaç çokgen çizilir?

- A) 219 B) 208 C) 200 D) 192 E) 169

2. 10 doğrunun 4'ü paralel ve 3'ü aynı noktada kesişiyorsa en çok kaç noktada kesişirler?

- A) 39 B) 37 C) 29 D) 27 E) 20

3. Bir doğru bir düzlemi kaç parçaya ayırır?

- A) 0 B) 1 C) 2 D) 3 E) 4

4. İki doğru bir düzlemi en çok kaç parçaya ayırır?

- A) 0 B) 1 C) 2 D) 3 E) 4

5. Üç doğru bir düzlemi en çok kaç parçaya ayırır?

- A) 9 B) 8 C) 7 D) 6 E) 5

6. Dört doğru düzlemi en çok kaç parçaya ayırır?

- A) 13 B) 12 C) 11 D) 10 E) 5

7. Bir doğru uzayı en fazla kaç parçaya ayırır?

- A) 0 B) 1 C) 2 D) 3 E) 4

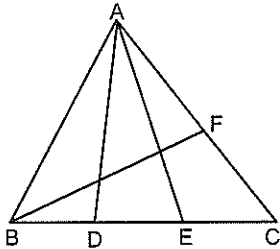
8. İki doğru uzayı en çok kaç parçaya ayırır?

- A) 0 B) 1 C) 2 D) 3 E) 4

9. Üç doğru uzayı en çok kaç parçaya ayırır?

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

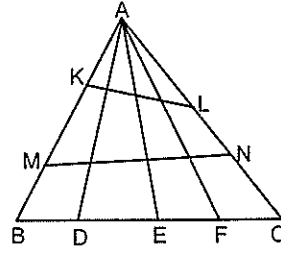
10.



Şekilde kaç üçgen vardır?

- A) 6 B) 10 C) 12 D) 14 E) 15

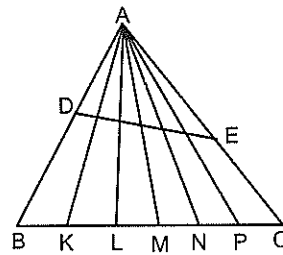
11.



Şekilde kaç tane üçgen vardır?

- A) 16 B) 20 C) 24 D) 30 E) 36

12.



Şekilde kaç tane üçgen vardır?

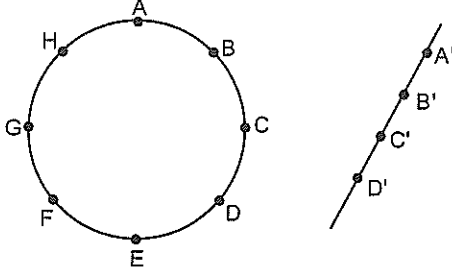
- A) 30 B) 36 C) 40 D) 41 E) 42

CEVAPLAR / ANSWERS

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

BÖLÜM 10
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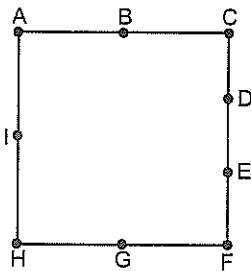
1.



Şekildeki çember üzerindeki 8 ve doğru üzerindeki 4 nokta ile kaç farklı üçgen çizilebilir?

- A) 216 B) 96 C) 44 D) 3 2 E) 12

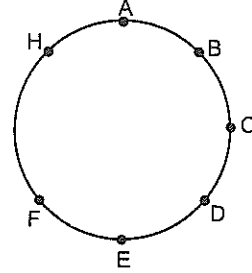
2.



Şekildeki kare üzerindeki 9 nokta ile kaç farklı üçgen çizilebilir?

- A) 96 B) 84 C) 72 D) 48 E) 36

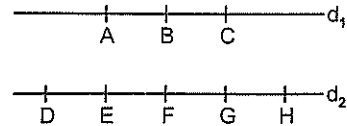
3.



Şekildeki 7 nokta ile kaç farklı çokgen çizilebilir?

- A) 111 B) 101 C) 99 D) 81 E) 71

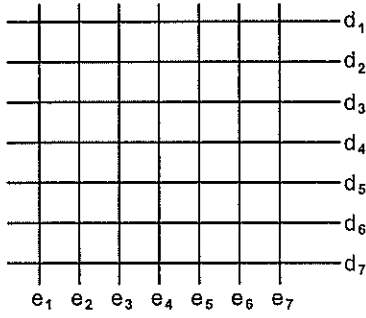
4.



$d_1 \parallel d_2$ olmak üzere şekildeki 8 nokta ile kaç farklı üçgen çizilir?

- A) 45 B) 40 C) 30 D) 25 E) 15

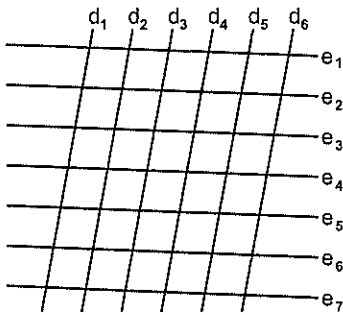
5.



Şekilde kaç tane dikdörtgen vardır?

- A) 225 B) 256 C) 289 D) 324 E) 441

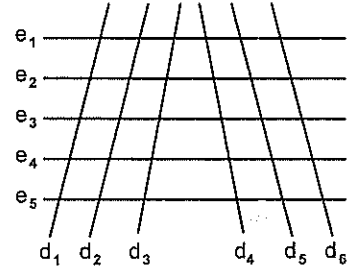
6.



Şekilde kaç tane paralelkenar vardır?

- A) 90 B) 100 C) 196 D) 225 E) 315

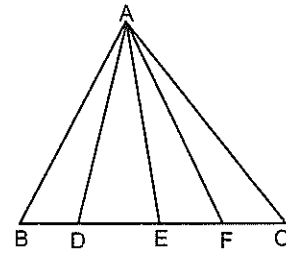
7.



Şekilde kaç tane yamuk vardır?

- A) 84 B) 96 C) 144 D) 150 E) 196

8.



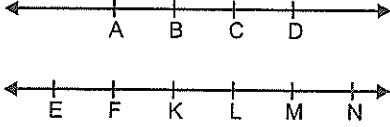
Şekilde kaç üçgen vardır?

- A) 6 B) 8 C) 10 D) 12 E) 14

CEVAPLAR / ANSWERS					
1-A	2-B	3-C	4-A	5-E	6-E
7-D	8-C				

BÖLÜM 10
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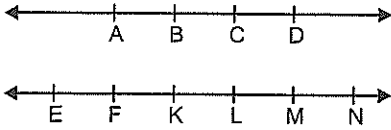
1.



Şekildeki noktalar ile en çok kaç üçgen çizilir?

- A) 72 B) 78 C) 84 D) 90 E) 96

2.



Şekildeki noktalar ile en çok kaç dörtgen çizilir?

- A) 72 B) 78 C) 84 D) 90 E) 96

3. 5 üçgen en çok kaç noktada kesişir?

- A) 40 B) 90 C) 60 D) 75 E) 100

4. 6 farklı çember en çok kaç noktada kesişir?

- A) 24 B) 30 C) 36 D) 42 E) 48

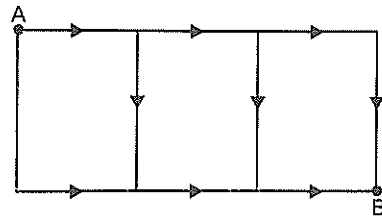
5. 6 farklı çember en çok kaç noktada kesişir?

- A) 24 B) 30 C) 36 D) 42 E) 48

6. 5 farklı kare en çok kaç noktada kesişir?

- A) 60 B) 70 C) 50 D) 80 E) 100

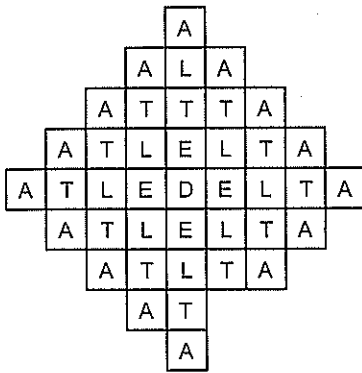
7.



$A - B = ?$

- A) 2 B) 3 C) 4 D) 5 E) 6

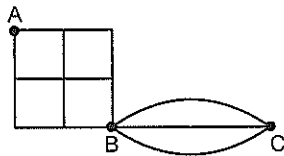
8.



DELTA = ?

- A) 16 B) 32 C) 48 D) 64 E) 128

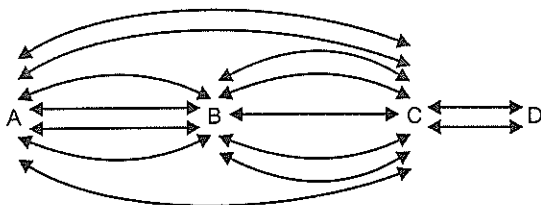
9.



A - C = ?

- A) 12 B) 15 C) 18 D) 21 E) 24

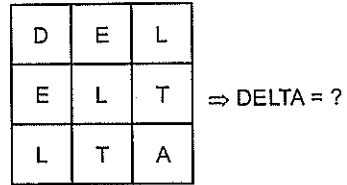
10.



A - D = ?

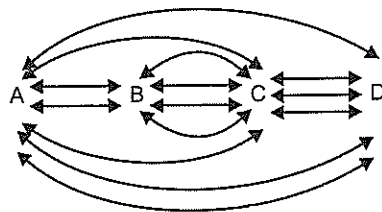
- A) 40 B) 43 C) 46 D) 84 E) 96

11.



- A) 4 B) 5 C) 6 D) 7 E) 8

12.



A - D = ?

- A) 23 B) 27 C) 30 D) 33 E) 60

CEVAPLAR / ANSWERS					
1-E	2-D	3-C	4-B	5-B	6-D
7-C	8-D	9-C	10-C	11-C	12-D

BÖLÜM 10
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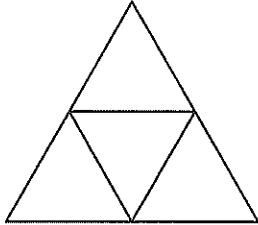
1. Üç doğru bir uzayı en fazla kaç parçaya ayırır?

- A) 4 B) 6 C) 8 D) 10 E) 12

2. 10 nokta ile en çok kaç dörtgen çizilir?

- A) 210 B) 200 C) 190 D) 100 E) 50

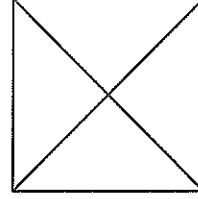
3.



Şekilde kaç üçgen vardır?

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

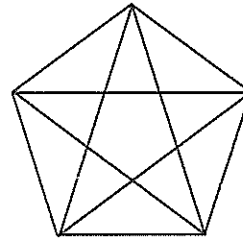
4.



Şekilde kaç üçgen vardır?

- A) 2 B) 4 C) 6 D) 8 E) 12

5.



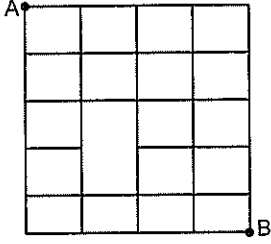
Şekilde kaç beşgen vardır?

- A) 0 B) 1 C) 2 D) 3 E) 4

6. Bir pastayı üç bıçak darbesi ile en fazla kaç parçaya böleriz?

- A) 2 B) 4 C) 6 D) 8 E) 12

6.



A'dan B'ye en kısa yolu kullanarak kaç farklı şekilde gidilebilir?

- A) 32 B) 44 C) 82 D) 86 E) 10

7. 6 kişi kaç farklı şekilde fotoğraf çektirir?

- A) 6 B) 60 C) 120 D) 520 E) 600

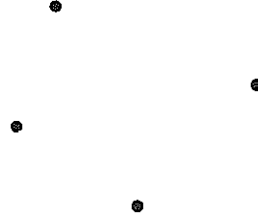
8. ANTEP kelimesi ile 5 harfli anlamlı veya anlamsız kaç kelime yazılabilir?

- A) 6 B) 24 C) 120 D) 720 E) 5040

9. 83274 sayısının rakamları kullanılarak 5 basamaklı kaç sayı yazılır?

- A) 60 B) 90 C) 120 D) 150 E) 180

10.



Şekildeki noktalar kaç farklı şekilde birleştirilebilir?

- A) 6 B) 12 C) 18 D) 24 E) 36

11. Bir satranç tahtasında kaç tane kare vardır?

- A) 27 B) 81 C) 125 D) 204 E) 216

CEVAPLAR / ANSWERS					
1-A	2-E	3-B	4-E	5-D	6-D
7-D	8-C	9-C	10-D	11-D	