

ÇÖZÜMLER

1. SEZGİ
ZESEK
SORGU
ZERGİ
ZERİK
- kelimelerdeki ZE ifadesinden sayılardaki 72'ye denk gelmektedir.

$$Z = 7 \text{ ve } E = 2$$

ZESEK → 72324'e karşılık gelir.

$$S = 3 \text{ ve } K = 4$$

ZERİK → 72804

$$R = 8 \text{ ve } İ = 0$$

ZERGİ → 72890 bulunur.

Cevap: D

2. SEKA
RECI
ERİK
CARI
- Son harflerden
İ = 4

ERİK → 1549 E = 1, R = 5 ve K = 9

SEKA → 3192 S = 3, A = 2

RECI → 5164 C = 6

O halde

KACE → 9261

Cevap: E

3. $m \Delta n = 7m - 3n - 5$

$$x \Delta x = x$$

$$7x - 3x - 5 = x$$

$$3x = 5$$

$$x = \frac{5}{3}$$

Cevap: A

4. $x \square y = 2x^2 + 4y$

$$[2 \square (-1)] \square a = 0$$

$$2 \cdot 2^2 + 4 \cdot (-1)$$

$$8 - 4 = 4$$

$$4 \square a = 0$$

$$2 \cdot 4^2 + 4 \cdot a = 0$$

$$32 + 4a = 0$$

$$4a = -32 \Rightarrow a = -8$$

Cevap: B

5. Tabloya göre

$$c \cdot d = 12, \quad a^c = 8, \quad a = 2, \quad d^b = 16$$

$$a \cdot b = ? \quad 2^c = 2^3$$

$$c = 3$$

$$3 \cdot d = 12 \text{ ve } 4^b = 4^2$$

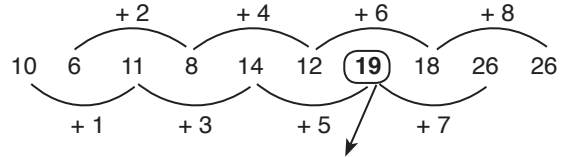
$$d = 4$$

$$b = 2$$

$$a \cdot b = 2 \cdot 2 = 4$$

Cevap: D

- 6.



Cevap: E

7. $34826 \rightarrow 4388 \rightarrow 3416 \rightarrow 437 \rightarrow 410 \rightarrow 41 \rightarrow 5$

Cevap: C

8. $895 \rightarrow \frac{8+9+5}{2} = 11$

$592 \rightarrow \frac{5+9+2}{2} = 8$

$927 \rightarrow \frac{9+2+7}{2} = 9$

$781 \rightarrow \frac{7+8+1}{2} = 8$

$723 \rightarrow \frac{7+2+3}{2} = 6$ bulunur.

Cevap: E

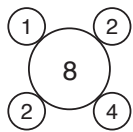
9. $17 + 8 = \sqrt{25} \rightarrow 25 = 5$

$23 + 26 = \sqrt{49} \rightarrow 49 = 7$

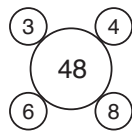
$58 + 63 = \sqrt{121} \rightarrow 121 = 11$ bulunur.

Cevap: D

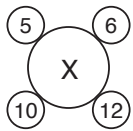
10.



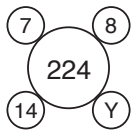
$(1.4) + (2.2) = 8$



$(3.8) + (6.4) = 48$



$\rightarrow x = (5.12) + (6.10)$
 $= 60 + 60$
 $x = 120$



$224 = (7.y) + (14.8)$

$224 = 7y + 112$

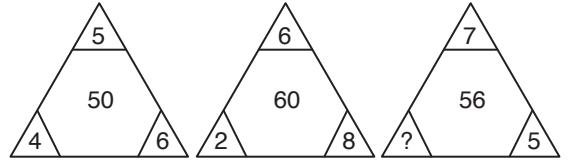
$112 = 7y$

$16 = y$

O halde $x + y = 120 + 16 = 136$

Cevap: B

11.



$(4 + 6).5 = 50$

$(2 + 8).6 = 60$

$(? + 5).7 = 56$

$? + 5 = 8$

$? = 3$

Cevap: C

12.

a^1	a^2	a^3
1	1	1
2	4	8
3	9	?

$a^1 = 1^1 = 1$ $1^2 = 1$ $1^3 = 1$

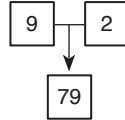
$\rightarrow a^1 = 2^1 = 2$ $2^2 = 4$ $2^3 = 8$

$a = 3^1 = 3$ $3^2 = 9$ $3^3 = 27$

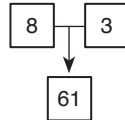
Cevap: E

TASARI EĞİTİM YAYINLARI

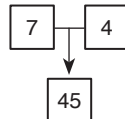
13.



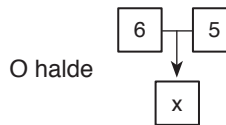
$\rightarrow 9^2 - 2 = 81 - 2 = 79$



$\rightarrow 8^2 - 3 = 64 - 3 = 61$



$\rightarrow 7^2 - 4 = 49 - 4 = 45$



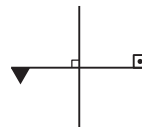
O halde

$\rightarrow 6^2 - 5 = 36 - 5$

$x = 31$ bulunur.

Cevap: B

14.



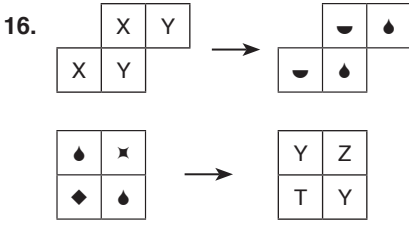
Cevap: E



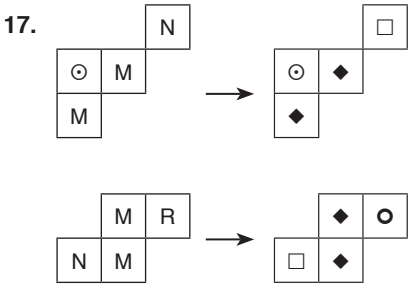
O halde



Cevap: E

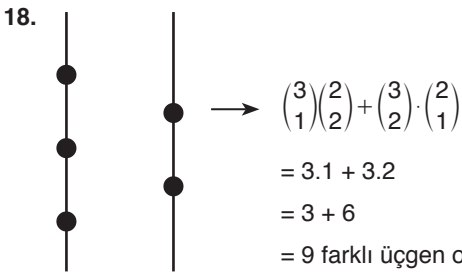


Cevap: E



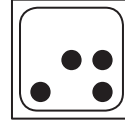
R → ○

Cevap: A



Cevap: B

19. ● → üstten bir azaltılarak ilerliyor.



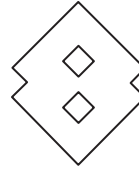
Cevap: B

20. Şekillerin toparlanması ile oluşan şekli tamamlayın



Cevap: A

21.



Cevap: B

22. ▲ → a ● → b ■ → c

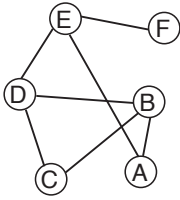
I.	II.	III.
$2a + b = a + 3b$	$c = a + b$	$c + a = 3b + 2b$
$a = 2b$	$c = 3b$	$= 5b$

- A) $b + b + b + b = 4b$
 B) $b + 2b + 2b + 2b = 7b$
 C) $2b + 2b + b + b = 6b$
 D) $b + 3b + 3b = 7b$
 E) $2b + 2b + b = 5b$

Cevap: E

23. $64 \rightarrow 6^2 + 4^2 = 36 + 16 = 52$
 $73 \rightarrow 7^2 + 3^2 = 49 + 9 = 58$
 $82 \rightarrow 8^2 + 2^2 = 64 + 4 = 68$
 $91 \rightarrow 9^2 + 1^2 = 81 + 1 = 82$
 $58 \rightarrow 5^2 + 8^2 = 25 + 64 = 89$

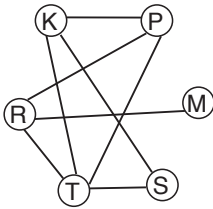
24.



$$X = B$$

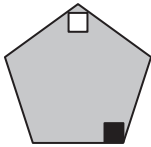
$$Y = C$$

25.

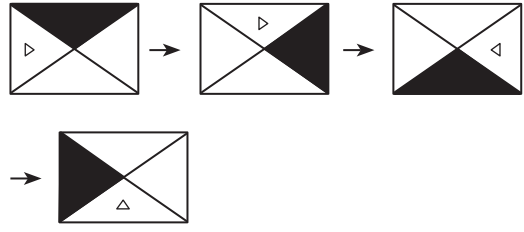


$$X = K \quad Y = P$$

26. Şekli sağ tarafında simetrisi alınınca



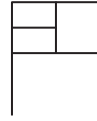
27.



Cevap: E

Cevap: C

28.



Şekiller sol dilime kaymakta

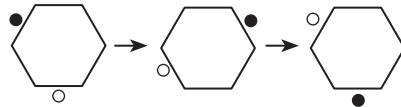
Cevap: A

Cevap: C

TASARI EĞİTİM YAYINLARI

29.

- → 2 kenar
- → 1 kenar ilerlemekte



Cevap: A

Cevap: E

30.

- Üst parça 45°
- Alt parça 90° ilerlemekte



Cevap: A

Cevap: C

31. I. tablo

$$b + c = 16$$

$$\Rightarrow 2.b = 20$$

$$b = 10$$

$$a + b = 2 + 10 = 12$$

II. tablo

$$a.c = 12$$

$$b.a = 20$$

$$a(b + c) = 32$$

$$\underbrace{\hspace{1.5cm}}_{16}$$

$$a = 2$$

Cevap: C

32. Tablodan

$$a.b = 4c$$

$$x \quad b.c = 9a$$

$$\frac{a.b^2.c}{a} = \frac{4c.9a}{a}$$

$$b^2 = 36$$

$$b = 6$$

Cevap: B

33.

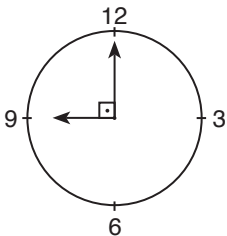
8	10
16	

1. satır $\xrightarrow{+5}$ 2. satır $\xrightarrow{+8}$ 3. satır $\xrightarrow{+5}$ 4. satır

Cevap: A

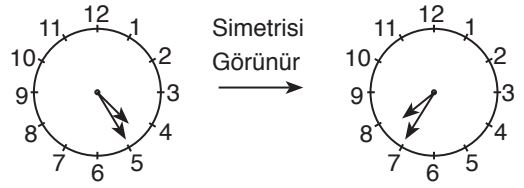
34. 09.00 \rightarrow 08.60

$$\alpha = \left| \frac{11.60 - 60.8}{2} \right| = 90^\circ$$



Cevap: C

35.



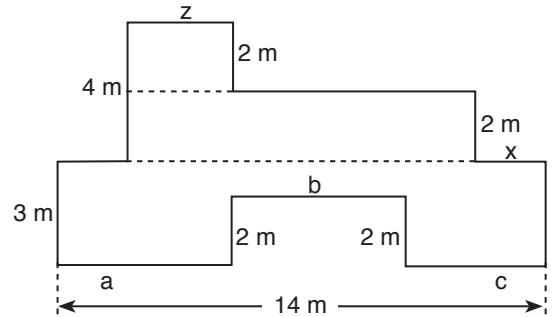
$$23.60$$

$$\underline{16.25}$$

07.35 olarak görünür.

Cevap: D

36.



Cevap: B

$$a + b + c = 14 \text{ m} \quad \text{ve} \quad x + y + z + t = 14 \text{ m}$$

$$3\text{m} + 4\text{m} + 2\text{m} + 2\text{m} + 3\text{m} + 2\text{m} + 2\text{m} = 18\text{m}$$

$$14\text{m} + 14\text{m} + 18\text{m} = 46\text{m}$$

Cevap: D

37.

37. Üç yüzü boyalı sadece köşeler \rightarrow 8 tamİki yüzü boyalı köşeler hariç \rightarrow 12.3 = 36 tane

Kenarlar

Kenar

sayısı

Bir kenardaki

2 yüzü boyalı

Bir yüzü boyalı 9.6 = 54 tane

Bir yüzeydeki

bir yüzü boyalıları

yüzey

sayısı





$$\text{Boyasız ise } 125 - (54 + 36 + 8) = 27$$

Cevap: A

38.  → 48 adet

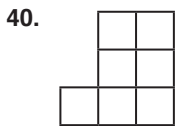
Cevap: C

39.

B	X	C	+	D	→ 33
X		÷		÷	
7	+	2	X	A	→ 13
-		-		+	
L		K	-	E	→ 3
↓		↓		↓	
20		2		8	

$$\begin{aligned}
 E^2 - C + D &= 5^2 - 6 + 9 \\
 &= 25 - 6 + 9 \\
 &= 28 \text{ bulunur.}
 \end{aligned}$$

Cevap: E



Cevap: C