

Bu testte cevaplayacağınız toplam soru sayısı 80'dir.

$$\begin{aligned} 1. \quad & \frac{\frac{3-2 \cdot \frac{5}{3}-5}{-2-\frac{2}{3}}}{\frac{3}{3}} = \frac{-2-\frac{10}{3}}{-8} \\ & = \frac{-16}{3} \cdot \frac{-3}{8} = 6 \end{aligned}$$

$$\begin{aligned} 2. \quad & a = \frac{b^2 + 180}{b^2} \\ & a = \frac{b^2}{b^2} + \frac{180}{b^2} \\ & a = 1 + \frac{180}{b^2} \\ & b = 6 \text{ için} \end{aligned}$$

$$a = 1 + \frac{180}{36} = 1 + 5 = 6$$

$$3. \quad m = 1,2020\dots = 1,\overline{20} = \frac{120-1}{99} = \frac{119}{99}$$

$$n = 0,4040\dots = 0,\overline{40} = \frac{40-0}{99} = \frac{40}{99}$$

$$\begin{aligned} \frac{m+1}{n} &= \frac{\frac{119}{99}+1}{\frac{40}{99}} = \frac{\frac{218}{99}}{\frac{40}{99}} = \frac{218}{40} \\ &= 5,45 \end{aligned}$$

Cevap: C

$$\begin{aligned} 4. \quad & \frac{2x}{2a} = \frac{3y}{3b} = \frac{z}{c} = \frac{3}{4} \\ & \frac{2x+3y+z}{2a+3b+c} = \frac{3}{4} \\ & \frac{18}{20+c} = \frac{3}{4} \Rightarrow 24 = 20 + c \\ & c = 4 \end{aligned}$$

Cevap: C

$$5. \quad b = \sqrt[6]{27^a} = 27^{\frac{a}{6}} = 3^{3 \cdot \frac{a}{6}}$$

$$\begin{aligned} & b = 3^{\frac{a}{2}} \Rightarrow 3^a = b^2 \\ & 3^{2a+3} = (3^a)^2 \cdot 3^3 \\ & = (b^2)^2 \cdot 27 = 27b^4 \end{aligned}$$

Cevap: E

TASARI EĞİTİM YAYINLARI

Cevap: A

$$6. \quad \frac{a}{5} \left| \frac{c}{4} \right. \rightarrow a = 4c + 5$$

$$\begin{aligned} & \frac{c}{4} \left| \frac{6}{x} \right. \rightarrow c = 6x + 4 \\ & \Rightarrow a = 4(6x + 4) + 5 \\ & a = 24x + 21 \\ & \swarrow \qquad \qquad \qquad \boxed{9=y} \\ & 12 \end{aligned}$$

Cevap: E

$$7. \quad (\sqrt[3]{-1})^2 \cdot \sqrt{(0,09)^{-1}}$$

$$1 \cdot \sqrt{\frac{100}{9}} = 1 \cdot \frac{10}{3} = \frac{10}{3}$$

Cevap: A

Cevap: E

8. $0 < x < 3 \rightarrow 0 < 2x < 6$
 $-3 < y < 2 \rightarrow + -6 < -3y < 9$
 $-6 < 2x - 3y < 15$

Cevap: B

12. $\frac{1}{x} = 3 - y \Rightarrow 1 = 3x - xy$

$\frac{1}{y} = 4 - x \Rightarrow 1 = 4y - xy$

$\Rightarrow 3x - xy = 4y - xy$

$3x = 4y \Rightarrow \frac{x}{y} = \frac{4}{3}$

Cevap: D

9. $\frac{x}{x+1} - \frac{1}{1-\frac{1}{x}} = 1$

$\frac{x}{x+1} - \frac{1}{\frac{x-1}{x}} = 1$

$\frac{x}{x+1} - \frac{x}{x-1} = 1 \Rightarrow \frac{x^2 - x - x^2 - x}{x^2 - 1} = 1$

$x-1 \quad x+1$

$-2x = x^2 - 1 \Rightarrow x^2 + 2x - 1 = 0$

$\Delta = 4 + 4 = 8 \Rightarrow x_1 = \frac{-2 + \sqrt{8}}{2}$

$x_1 = -1 + \sqrt{2}$

10. $\begin{array}{r} 6A \\ + B^5 A \\ \hline 7 C A \\ 0 \end{array}$

$\Rightarrow A + B + C = 6 + 5 = 0 = 11$

Cevap: E

14. $\frac{a^{2x} + 4a^2 - 5}{a^{2x} - a^x}$

$\frac{(a^x + 5)(a^x - 1)}{a^x(a^x - 1)} = \frac{a^x + 5}{a^x}$

Cevap: A

11. $\frac{(-3)^2}{(-3)^4 \cdot \left(\frac{-1}{3}\right)^3} = \frac{9}{81 \cdot \frac{-1}{27}}$

$= \frac{9}{-3} = -3$

Cevap: C

15. $\frac{x^2 - xy + y^2}{x^4 - x^2y^2} \cdot \frac{(x^2 + xy)^3}{x^4 + xy^3}$

$\frac{(x^2 - xy + yz)}{x^2(x-y)(x+y)} \cdot \frac{x^3(x+y)^3}{x(x^3 + y^3)}$

$\frac{(x^2 - xy + y^2)}{x^2(x-y)(x+y)} \cdot \frac{x^3(x+y)^3}{x \cdot (x+y) \cdot (x^2 - xy + y^2)}$

$= \frac{x+y}{x-y}$

Cevap: B

Cevap: B

$$16. \frac{1}{x_1^3} + \frac{1}{x_2^3} = \frac{x_1^3 + x_2^3}{(x_1 \cdot x_2)^3}$$

$$= \frac{(x_1 + x_2)(x_1^2 - x_1 x_2 + x_2^2)}{(x_1 x_2)^3}$$

$$= \frac{5(x_1^2 + x_2^2 - 5)}{5^3} \quad \left| \begin{array}{l} x_1 + x_2 = 5 \\ x_1^2 + x_2^2 + 2\underbrace{x_1 x_2}_5 = 25 \\ x_1^2 + x_2^2 = 15 \end{array} \right.$$

$$5 \cdot \frac{15 - 3}{5^3} = \frac{5 \cdot 10}{5^3} = \frac{10}{25} = \frac{2}{5}$$

$$17. \frac{n! + (n-1)!}{n! - (n-1)!} = \frac{4}{3}$$

$$\frac{(n-1)! \cdot (n+1)}{(n-1)! \cdot (n-1)} = \frac{4}{3}$$

$$3n + 3 = 4n - 4$$

$$7 = n$$

$$18. 18^{18} \equiv x \pmod{8}$$

$$2^{18} \equiv x \pmod{8}$$

$$2^3 \cdot 2^{15} = x \pmod{8}$$

$$8 \cdot 2^{15} \equiv x \pmod{8}$$

$$\Rightarrow x = 0$$

Cevap: E

$$19. |3x - 6| = 6 - 3x$$

$$6 - 3x \geq 0$$

$$6 \geq 3$$

$$x \leq 2$$

Cevap: E

$$20. (f^{-1} \circ g^{-1})(x) = \frac{x-5}{3}$$

$$\Rightarrow \frac{x-5}{3} = 3 \Rightarrow x - 5 = 9$$

$$x = 14$$

Cevap: D

$$21. f(x) = 3^{x-1} \Rightarrow f(x) = 3^x \cdot \frac{1}{3} \Rightarrow f(x) \cdot 3 = 3^x$$

$$\Rightarrow f(2x+2) = 3^{2x+2-1} = 3^{2x+1}$$

$$= (3^x)^2 \cdot 3$$

$$= (3f(x))^2 \cdot 3$$

$$= 27 \cdot f^2(x)$$

Cevap: E

TASARIM EĞİTİM YAYINLARI

$$22. x = 2t - 1 \Rightarrow \frac{x+1}{2} = t$$

$$Cevap: C \quad y = t + 5 \Rightarrow y - 5 = t$$

$$\Rightarrow \frac{x+1}{2} = y - 5$$

$$y = \frac{x+1}{2} + 5 \Rightarrow y = \frac{x+11}{2}$$

$$\Rightarrow f^{-1}(x) = 2x - 11$$

Cevap: D

$$23. \frac{30^a + 30^a}{10^a + 10^a + 10^a + 10^a + 10^a} = 81$$

$$\frac{2 \cdot 30^a}{6 \cdot 10^a} = 81$$

$$\frac{1}{3} \cdot \left(\frac{30}{10}\right)^a = 81$$

$$\Rightarrow 3^a = 3 \cdot 3^4 = 3^5$$

a = 5 bulunur.

Cevap: D

24. $P(3) = 9a + 3b + c = 0$
 $P(2) = -4a + 2b + c = 0$
 $5a + b = 0 \Rightarrow b = -5a \Rightarrow \frac{b}{a} = -5$

Cevap: C

25. $\zeta = \frac{1}{x_1} \cdot \frac{1}{x_2} = \frac{1}{x_1 \cdot x_2} = \frac{1}{4}$

$$T = \frac{1}{x_1} + \frac{1}{x_2} = \frac{x_1 + x_2}{x_1 \cdot x_2} = \frac{3}{4}$$

$$\begin{aligned} 9(x) &= x^2 - Tx + \zeta \\ &= x^2 - \frac{3}{4}x + \frac{1}{4} \\ &= 4x^2 - 3x + 1 \end{aligned}$$

Cevap: D

26. $a.b = 12$

$$b.c = 60$$

$$\underline{x} \quad a.c = 80$$

$$(a.b.c)^2 = 12.60.80$$

$$(a.b.c)^2 = 12.12.5.16$$

$$a.b.c = 12.5.4$$

$$\underline{\underline{12}}$$

$c = 20$ bulunur.

27.
$$\begin{array}{r} -x / \quad x^3 - 2y = 5 \\ \underline{x^4 - 2xy = 70} \\ -x^4 + 2xy = -5x \\ + \quad x^4 - 2xy = 70 \\ \hline 0 = -5x + 70 \\ 5x = 70 \\ x = 14 \text{ bulunur.} \end{array}$$

Cevap: E

28. $f(x) = a.(x - 1)(x - 3)$

$$2 = a.(-1).(-3)$$

$$a = \frac{2}{3}$$

$$f(x) = \frac{2}{3}(x - 1)(x - 3)$$

$$f(x) = \frac{2x^2}{3} - \frac{8x}{3} + 2$$

$$r = \frac{-b}{2a} = \frac{\frac{8}{3}}{\frac{4}{3}} = 2$$

$$f(r) = k = \frac{2.4}{3} - \frac{8.2}{3} + 2 = -83 + 2 = -\frac{2}{3}$$

$$r + k = 2 - \frac{2}{3} = \frac{4}{3}$$

Cevap: A

TASARI EĞİTİM YAYINLARI

29. $\frac{81x^4 + 1}{9x^2} = \frac{81x^4}{9x^2} + \frac{1}{9x^2}$

$$= 9x^2 + \frac{1}{9x^2} \text{ A olsun}$$

$$\left(3x + \frac{1}{3x}\right)^2 = (8)^2 \quad (\text{Her iki tarafın karesi alınır})$$

$$9x^2 + \frac{1}{9x^2} + 2.3x \cdot \frac{1}{3x} = 64$$

$$9x^2 + \frac{1}{9x^2} = 62 \text{ bulunur.}$$

Cevap: D

30. $\sum_{k=1}^5 \prod_{n=1}^3 2nk = \sum_{k=1}^5 (2k \cdot 4k \cdot 6k)$

$$\sum_{k=1}^5 48k^3 = 48(1^3 + 2^3 + 3^3 + 4^3 + 5^3)$$

$$= 48.(1 + 8 + 27 + 64 + 125)$$

$$= 10800$$

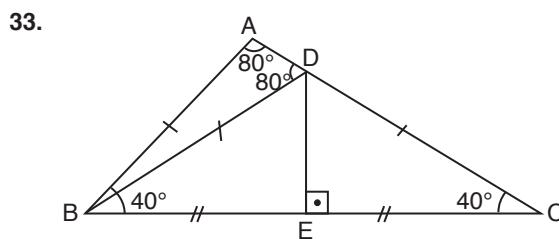
Cevap: E**Cevap: C**

31. $\underbrace{3021 - 3020}_{1} + \underbrace{3019 - 3018}_{1} + \dots + \underbrace{3 - 2}_{1} + 1 = ?$
 $1510 \text{ adet } 1 \text{ var.}$

Cevap: B

32. $(2a)_5 = (1101)_2$
 $2 \cdot 5^1 + a \cdot 5^0 = 1 \cdot 2^3 + 1 \cdot 2^2 + 0 \cdot 2^1 + 1 \cdot 2^0$
 $10 + a = 13 \Rightarrow a = 3$

Cevap: D



B ile D'yi birleştirelim.

BDC üçgeninde [DE] hem yükseklik hem kenarortay olduğundan BDC ikizkenar üçgen

$|BD| = |DC| \quad m(\widehat{DBC}) = m(\widehat{DCB}) = 40^\circ$

BDC üçgeninde iki iç açı toplamı kendisine komşu olmayan dış açıya eşittir.

$m(\widehat{ADB}) = 40^\circ + 40^\circ = 80^\circ$

$|AB| = |BD| \text{ olduğundan } m(\widehat{BAD}) = 80^\circ$

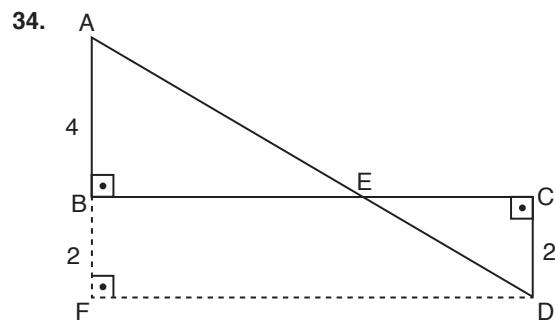
O halde

$m(\widehat{ABD}) + 80 + 80 = 180$

$m(\widehat{ABD}) = 20^\circ$

$m(\widehat{ABE}) = x = 20 + 40 = 60^\circ \text{ bulunur.}$

Cevap: E



AFD dik üçgeninde pisagor teoreminden

$6^2 + |FD|^2 = 10^2$

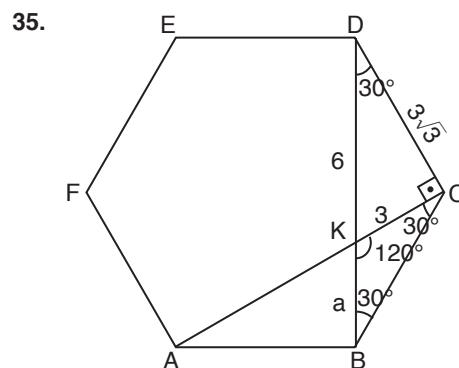
$|FD|^2 = 100 - 36 = 64$

$|FD| = 8 \text{ cm}$

 $|BC| = |FD| \text{ olduğundan } |BC| = 8 \text{ cm}$

Cevap: E

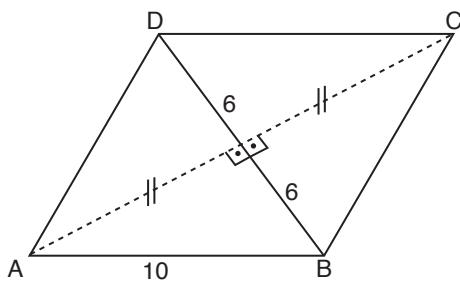
TASARIM EĞİTİM YAYINLARI

DKC üçgeninde $|DK| = 6 \text{ cm} \Rightarrow |KC| = 3 \text{ cm}$ $|DC| = 3\sqrt{3} \text{ cm}'dir.$

$|KC| = |BK| = a = 3 \text{ cm}$

Cevap: B

36.



$$[AC] \perp [BD]$$

$|DO| = |OB| = 6$ br olur.

AOB üçgeninde pisagor teoreminde

$$|AO|^2 + |OB|^2 = |AB|^2$$

$$|AO|^2 + 6^2 = 10^2$$

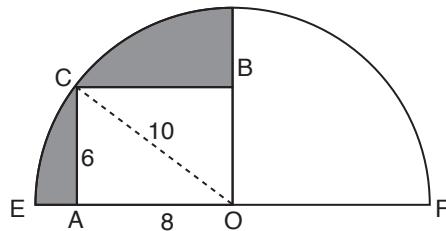
$$|AO|^2 = 100 - 36 = 64$$

$$|AO| = 8 \text{ br}$$

$|AO| = 8$ br $\Rightarrow |AC| = 16$ br'dir.

$$A(ABCD) = \frac{|AC| \cdot |BD|}{2} = \frac{16 \cdot 12}{2} = 96 \text{ br}^2$$

38.



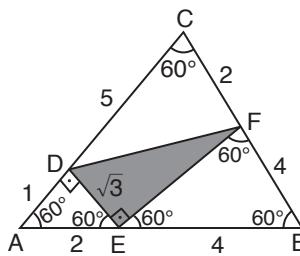
$$10^2 = 6^2 + |OA|^2 \Rightarrow |OA| = 8$$

$$T.A = \frac{1}{4}\pi \cdot 10^2 - 6 \cdot 8$$

$$= 25\pi - 48 \text{ cm}^2$$

Cevap: B

39.



Cevap: C

ADE üçgeninde $30^\circ, 60^\circ, 90^\circ$ üçgeni

$$|AD| = 1 \text{ br} \quad |AE| = 2 \text{ br} \quad \text{ve} \quad |DE| = \sqrt{3} \text{ br}$$

$$|AC| = 6 \text{ br} \quad |EB| = 4 \text{ br} \quad \text{olup}$$

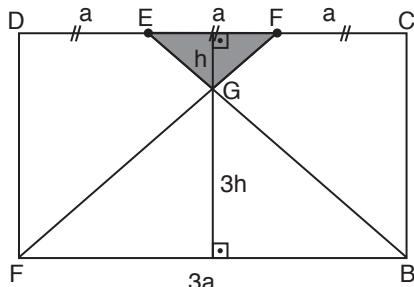
EFB eşkenar üçgen olduğundan $|EF| = 4$ br olur.

O halde

$$A(\widehat{DEF}) = \frac{4 \cdot \sqrt{3}}{2} = 2\sqrt{2} \text{ br}^2$$

Cevap: C

37.



EFG üçgeni ile AGB üçgeni benzerdir. Benzerlik oranı 3'tür. Buna göre $|EF|$ 'ye ait yükseklik h ise $|AB|$ ait yükseklik 3h'tır.

$$A(EGF) = \frac{a \cdot h}{2}$$

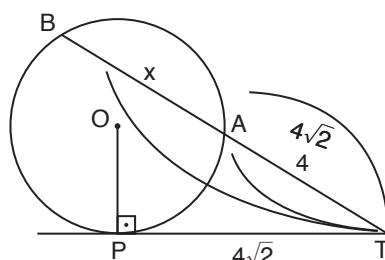
$$3 = \frac{a \cdot h}{2} \Rightarrow a \cdot h = 6 \text{ cm}^2$$

$$A(ABCD) = 3a \cdot a = 12a^2$$

$$= 12 \cdot a \cdot h = 12 \cdot 6 = 72 \text{ cm}^2$$

Cevap: A

40.



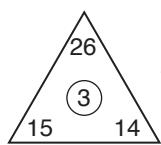
$$(4\sqrt{2})^2 = 4(4+x)$$

$$32 = 16 + 4x$$

$$16 = 4x \Rightarrow x = 4$$

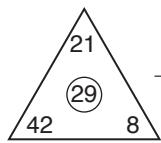
Cevap: B

41. I.



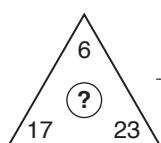
$$\rightarrow 15 + 14 - 26 = 3$$

II.



$$\rightarrow 42 + 8 - 21 = 29$$

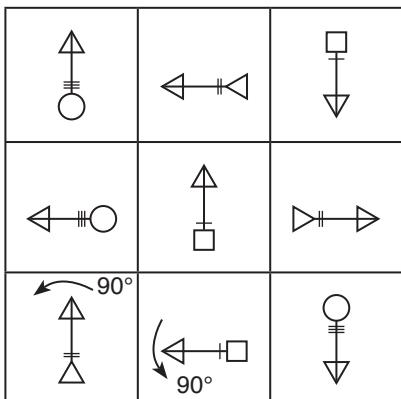
III.



$$\rightarrow 17 + 23 - 6 = 34$$

42. • $3.3 + 5 = 14$
 • $5.B + 3 = 33$
 $B = 6$
 • $5.4 + 2 = A = 22$
 $\Rightarrow A - B = 22 - 6 = 16$

43.



Cevap: E

45. I.



II.



III.



IV.



V.



VI.

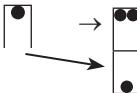


Cevap: A

46. I.



II.



Cevap: D

47.



A, B, C ve E şekilleri birbirlerinin döndürülmüş halleri.
 D farklı.

Cevap: D

44.



Cevap: A

48. $z^\circ = 3k$

$$x^\circ = 8k \quad \Rightarrow \quad 3k + 8k + 4k + 5k$$

$$t^\circ = 4k$$

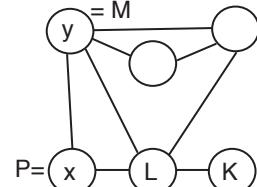
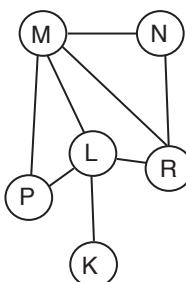
$$y^\circ = 5k$$

$$\Rightarrow (x + y) - (z + t) = 13k - 7k = 6k$$

$$= 6.18 = 108$$

Cevap: D

49.



Cevap: C

50. • $a^2 - b^2 = 5$ ve $a = 3$

$$9 - b^2 = 5$$

$$b^2 = 4 \Rightarrow b = 2$$

• $\frac{2b}{8} = 4 \Rightarrow \frac{2 \cdot 2}{8} = 4$

$$\Rightarrow 8 = 1$$

• $c^6 + 1 = 10$

$$c + 1 = 10 \Rightarrow c = 9$$

$$\Rightarrow K = \frac{a+b}{c+8}$$

$$= \frac{3+2}{1+9}$$

$$= \frac{1}{2}$$

Cevap: A

52. 1, 2, 5, 10, 13, 26, 29, ?
 $\begin{array}{ccccccc} & +8 & & +16 & & +32 & \\ 1 & \rightarrow & 2 & \rightarrow & 5 & \rightarrow & 10 \\ & & & & & & \end{array}$

$$\Rightarrow ? = 26 + 32$$

$$= 58$$

Cevap: D

53. 0, 3, 8, 15, 24, ?
 $\begin{array}{ccccc} & +3 & & +5 & & +7 & & +9 & & +11 \\ 0 & \rightarrow & 3 & \rightarrow & 8 & \rightarrow & 15 & \rightarrow & 24 & \rightarrow & ? \end{array}$

$$? = 24 + 11 = 35$$

Cevap: C

51. $20 \quad 12$

 $(\text{çatal toplam}) \times (\text{çatal fark})$
 $(20 + 12) \times (20 - 12)$
 $= 32 \times 8$
 $= 256$

$15 \quad 8$

 $(15 + 8) \cdot (15 - 8)$
 $= 23 \times 7$
 $= 161$

$17 \quad 6$

 $(17 + 6) \cdot (17 - 6)$
 $= 23 \times 11$
 $= 253$

O halde
 $19 \quad 10$

 $(19 + 10) \cdot (19 - 10)$
 $= 29 \times 9 = 261$ bulunur.

TASARI EĞİTİM YAYINLARI

Cevap: C

54. $[2^n - 1]$ artış olmakta

$$\begin{array}{ccccccc} & +3 & & +7 & & +15 & & +31 & & +63 & & +127 \\ 2 & \rightarrow & 5 & \rightarrow & 12 & \rightarrow & 27 & \rightarrow & 58 & \rightarrow & 121 & \rightarrow & ? \end{array}$$

$$2^2 - 1 = 3$$

$$? = 121 + 127$$

$$2^3 - 1 = 7$$

$$? = 248$$

$$2^4 - 1 = 15$$

$$\text{o halde } 2^7 - 1 = 127$$

Cevap: E

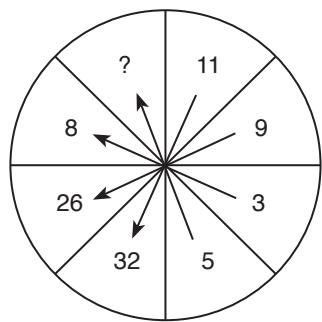
55. • AHCEP $\equiv 51724$

$$A = 5, H = 1, C = 7, E = 2, P = 4$$

• HCEAP = 17254

Cevap: C

56.



$$3.3 - 1 = 8$$

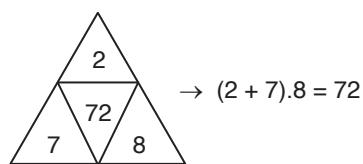
$$3.11 - 1 = 32$$

$$3.9 - 1 = 26$$

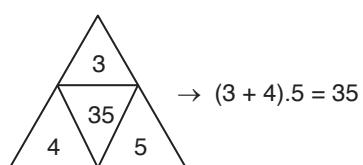
$$3.5 - 1 = 14 = ?$$

Cevap: C

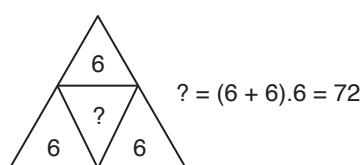
57.



$$\rightarrow (2 + 7).8 = 72$$



$$\rightarrow (3 + 4).5 = 35$$



$$? = (6 + 6).6 = 72$$

Cevap: E

58.

| | | | | | | |
|----|----|----|----|--|-----|----|
| 1 | 2 | 3 | 4 | | ... | 51 |
| 1 | 4 | 7 | 10 | | ... | x |
| +3 | +3 | +3 | +3 | | +3 | |

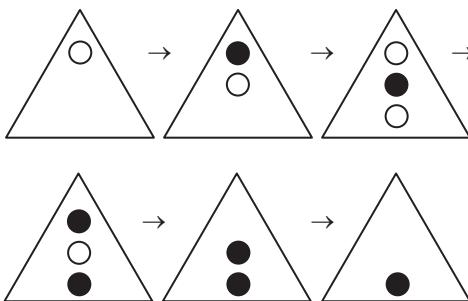
50 tane 3

$$\Rightarrow x = 1 + 50 \cdot 3$$

$$= 151$$

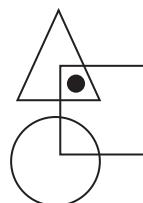
Cevap: A

59.



Cevap: B

60.



Cevap: E

61. E = 57, Ç = 9, V = 2, A = 6, N = 8, K = 1

VANKE → 26817

KABNE → 16387

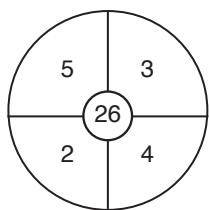
BAVÇE → 36297

ÖACVE → 46027

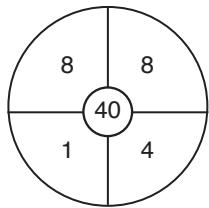
LAVÇE → 56297

Cevap: E

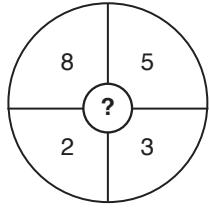
62.



$$\rightarrow 5.4 + 3.2 = 26$$

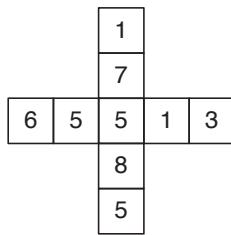


$$\rightarrow 8.4 + 8.1 = 40$$



$$\rightarrow 8.3 + 5.2 = 34 \text{ olacak}$$

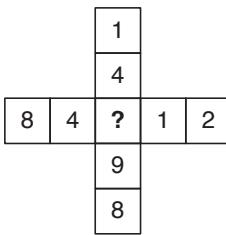
63.



$$84 : ? = 12$$

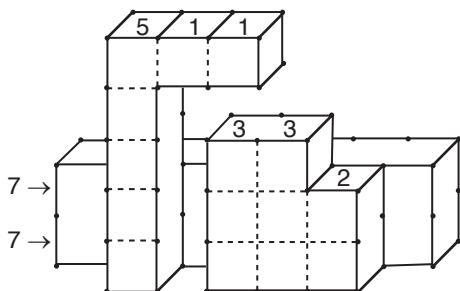
$$14 \cdot ? = 98$$

$$\Rightarrow ? = 7$$



TASARI EĞİTİM YAYINLARI

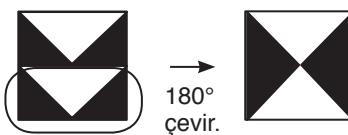
64.



$$7 + 7 + 5 + 1 + 1 + 3 + 3 + 2 = 29$$

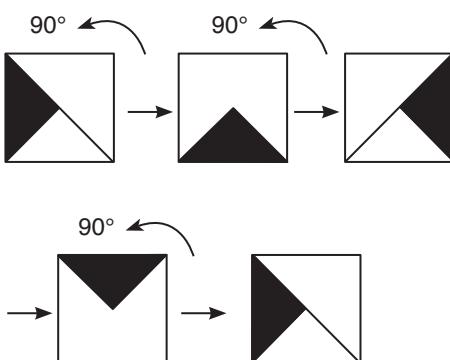
Cevap: B

65.



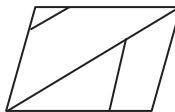
Cevap: C

66.



Cevap: B

67.



D seçenekindeki şekilde çizgi köşeden çıkmıyor.

Cevap: D

Cevap: B

68.

- $m + m = 4n$
 $2m = 4n \rightarrow m = 2n$
- $n \cdot n = 9 \Rightarrow n = 3$
- $m = 2n = 2 \cdot 3 = 6$
- $m \cdot n = 3p$
 $p = 6$

Cevap: C

69. • $a + c = 3c$
 $a = 2c$

• $a + b = 19$
 $- b + c = 11$
 \hline
 $a - c = 8$
 $2c - c = 8$
 $c = 8$
 $\Rightarrow a = 2c = 2 \cdot 8 = 16$
 $a + b = 19 \Rightarrow b = 3$
 16
 $\Rightarrow a - b = 16 - 3 = 13$

Cevap: D

70. $ABC - CBA = xy4$
 $99A - 99C = xy4$
 $99(A - c) = xy4$
 6
 $594 = xy4 \Rightarrow x = 5$
 $y = 9$
 $x + y = 5 + 9 = 14$

Cevap: C

71. $537 \Delta 623 = 5.6 + 3.2 - 7.3 = 15$
 $731 \Delta 532 = 7.5 + 3.3 - 1.2 = 42$
 $643 \Delta 702 = 6.7 + 4.0 - 3.2 = 36$
 $923 \Delta 144 = 9.1 + 2.4 - 3.4 = 5$

Cevap: C

72. A, B, C ve E'de şekil sayıları eşit D'de ise 2 tane ○ ve 3 tane □ var ondan farklıdır.

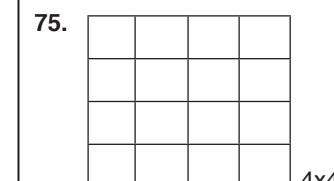
Cevap: D

73. $(23 - \frac{8}{2}) \cdot 2 = 38$
 $(46 - \frac{6}{2}) \cdot 2 = 86$
 $(34 - \frac{10}{2}) \cdot 2 = 58$
 $(42 - \frac{6}{2}) \cdot 2 = 78$

Cevap: E

74. $6:1 = c = 6$
 $b:4 = 12 \Rightarrow b = 48$
 $a:1 = 2 \Rightarrow a = 2$
 $\Rightarrow a + b + c = 2 + 48 + 6$
 $= 56$

Cevap: D



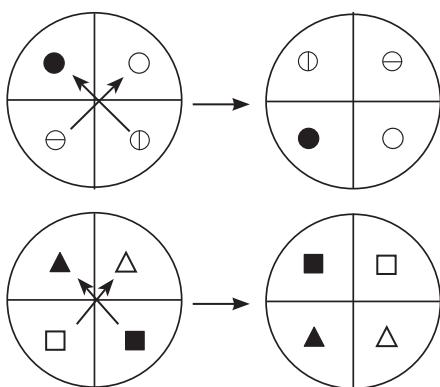
$$4 \times 4 + 3 \times 3 + 2 \times 2 + 1 \times 1 = 16 + 9 + 4 + 1 = 30$$

Cevap: D

76. $2 = 5 + 4 + 6 = 15$

Cevap: D

77.



Cevap: B

78.

$$\begin{array}{|c|c|c|} \hline 1 & 4 & 2 \\ \hline 4 & 3 & 9 \\ \hline \end{array} \rightarrow 43 - 14 = 29$$

$$\begin{array}{|c|c|c|} \hline 3 & 7 & 3 \\ \hline 7 & 5 & 8 \\ \hline \end{array} \rightarrow 75 - 37 = 38$$

$$\begin{array}{|c|c|c|} \hline 4 & ? & 2 \\ \hline 6 & 8 & 3 \\ \hline \end{array} \rightarrow 68 - 4? = 23$$

$\Rightarrow ? = 5$

Cevap: A

TASARI EĞİTİM YAYINLARI

79.

$$\begin{array}{r}
 \begin{array}{r}
 \begin{array}{|c|c|c|} \hline 13 & 6 & 11 \\ \hline 8 & ? & 12 \\ \hline 9 & 14 & 7 \\ \hline
 \end{array}
 \\ +
 \begin{array}{r}
 \hline 30 \\
 \hline 30 \\
 \hline 30
 \end{array}
 \end{array}
 \\ \hline
 \begin{array}{r}
 30 \\
 30 \\
 30
 \end{array}
 \end{array}$$

$$\Rightarrow 6 + ? + 14 = 30$$

$$? = 10$$

Cevap: B

80. %100

$$\begin{array}{r}
 \cancel{\begin{array}{r}
 \begin{array}{|c|c|} \hline 360^\circ & \\ \hline
 \end{array}
 \end{array}}
 \\ \cancel{\begin{array}{r}
 \begin{array}{|c|c|} \hline \%27 & 27 \\ \hline
 \end{array}
 \end{array}}
 \\ \cancel{?}
 \\ \hline
 ? = 180^\circ
 \end{array}$$

$$\Rightarrow x = 360 - (180 + 144) = 36^\circ$$

Cevap: B