

**Deneme Sınavı**  
Trial Exam

**3**

**ÇÖZÜMLER**

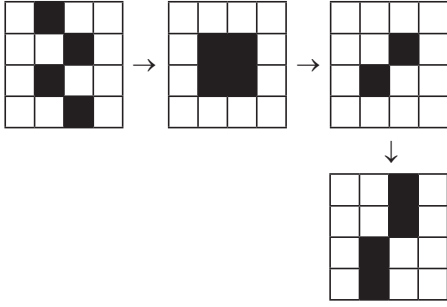
**TAMAMI VIDEO ÇÖZÜMLÜ**

VIDEO ÇÖZÜM UYGULAMASI İÇİN





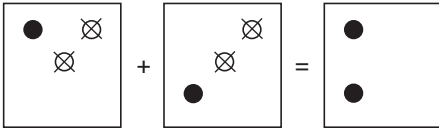
1.



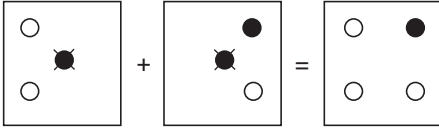
Cevap: B

2.

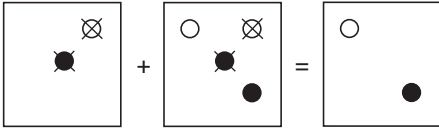
I.



II.



III.



Cevap: C

3. HASANPASHASANPASHAS ...

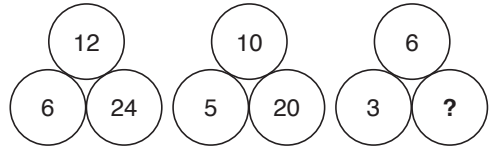
$$\begin{array}{r} \text{HASANPASHASANPASHAS ...} \\ \underbrace{\hspace{2em}}_8 \quad \underbrace{\hspace{2em}}_8 \\ \hline 170 \quad | \quad 8 \\ -16 \quad | \quad 21 \\ \hline 10 \\ \hline 8 \\ \hline 2 \end{array}$$

HASANPASHASANPASHAS ...

1 2 3 4 5 6 7 8

Cevap: B

4.



$$\frac{24}{12} = 2$$

$$\frac{20}{10} = 2$$

$$\frac{?}{6} = 2$$

$$6 \cdot 2 = 12$$

$$5 \cdot 2 = 10$$

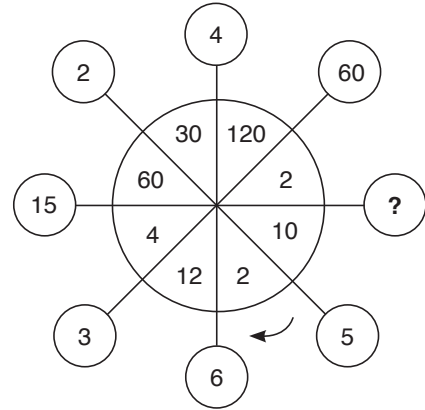
$$3 \cdot 2 = 6$$

$$\Rightarrow ? = 12$$

Cevap: D

TASARI EĞİTİM YAYINLARI

5.



$$6 \cdot 2 = 12$$

$$12 \div 3 = 4$$

$$4 \cdot 15 = 60$$

$$60 \div 2 = 30$$

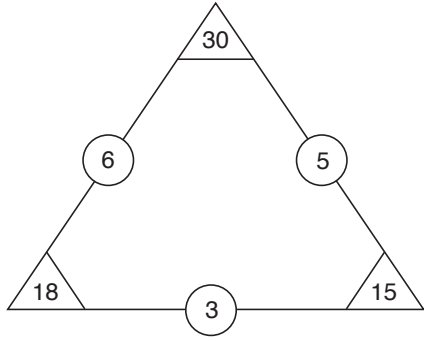
$$30 \cdot 4 = 120$$

$$120 \div 60 = 2$$

$$2 \cdot ? = 10 \Rightarrow ? = 5$$

Cevap: A

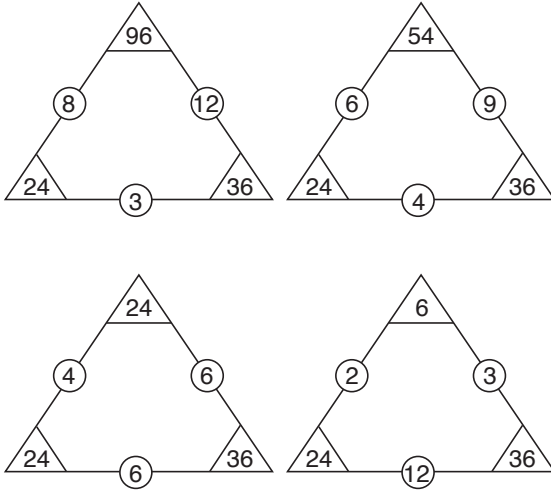
6.



$$\Rightarrow 6 + 5 + 3 = 14$$

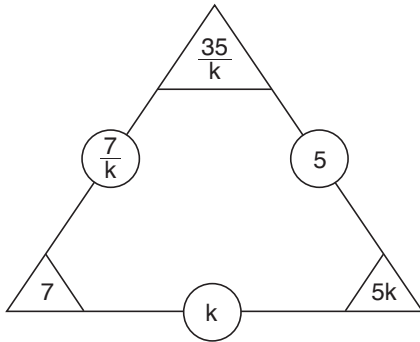
Cevap: E

7.



Cevap: B

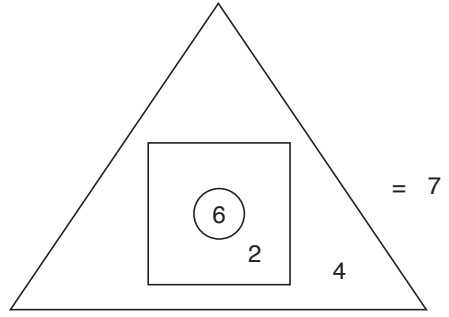
8.



$$\Rightarrow \frac{35}{k} \cdot 5k = 175$$

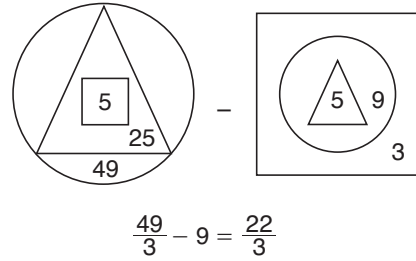
Cevap: E

9.



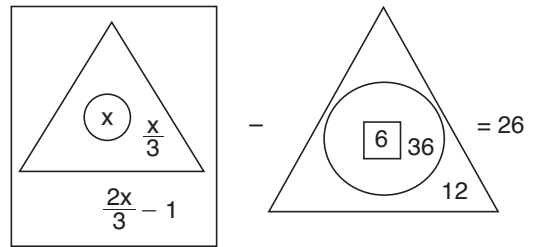
Cevap: B

10.



Cevap: D

11.



$$\left(\frac{2x}{3} - 1\right)^2 - 23 = 26$$

$$\left(\frac{2x}{3} - 1\right)^2 = 49$$

$$\frac{2x}{3} - 1 = 7$$

$$\frac{2x}{3} = 8 \Rightarrow x = 12$$

Cevap: E

$$\begin{aligned}
 12. \quad f(42) - f(24) &= (42 - 4.2) - (24 - 2.4) \\
 &= (42 - 8) - (24 - 8) \\
 &= 34 - 16 \\
 &= 18
 \end{aligned}$$

Cevap: A

$$\begin{aligned}
 13. \quad f(7B) &= 40 \Rightarrow 7B - 7.B = 40 \\
 70 + B - 7B &= 40 \\
 -6B &= -30 \\
 B &= 5
 \end{aligned}$$

Cevap: A

$$\begin{aligned}
 14. \quad f(AB) &= 82 \\
 \Rightarrow AB - A.B &= 82 \\
 \Rightarrow 10A + B - A.B &= 82 \\
 \Rightarrow A = 9, B = 1 \\
 \Rightarrow 9 + 1 &= 10
 \end{aligned}$$

Cevap: B

$$15.$$

+	a	b	c
a	b	18	
b		c	
c			

$$\begin{aligned}
 a + a &= b, \quad a + b = 18 \\
 \Rightarrow 3a &= 18 \\
 a = 6 &\Rightarrow b = 12 \Rightarrow c = 24 \\
 a.c &= 6.24 = 144
 \end{aligned}$$

Cevap: C

16.

+	a	b	c
a			10
b			
c		11	

x	a	b	c
a		20	
b			
c	24		

$$\begin{aligned}
 a + c &= 10 \\
 b + c &= 11
 \end{aligned}$$

$$\begin{aligned}
 a.c &= 24 \\
 b.a &= 20 \Rightarrow \frac{c}{b} = \frac{6}{5}
 \end{aligned}$$

$$\begin{aligned}
 b + c = 11 &\Rightarrow b = 5 \\
 c &= 6 \\
 a &= 4
 \end{aligned}$$

Cevap: D

$$\begin{aligned}
 17. \quad 346 &\diamond 3^2 + 4^2 + 6 = 31 \\
 473 &\diamond 4^2 + 7^2 + 3 = 68 \\
 814 &\diamond 8^2 + 1^2 + 4 = 69 \\
 943 &\diamond 9^2 + 4^2 + 3 = 100 \\
 782 &\diamond 7^2 + 8^2 + 2 = 115
 \end{aligned}$$

Cevap: C

TASARI EĞİTİM YAYINLARI

18.

I		II		
AKIN	≡	4325	}	⇒ ÇAKI = 1432
KINA	≡	3254		
AÇIK	≡	4123		
KEÇE	≡	3616		

Cevap: A

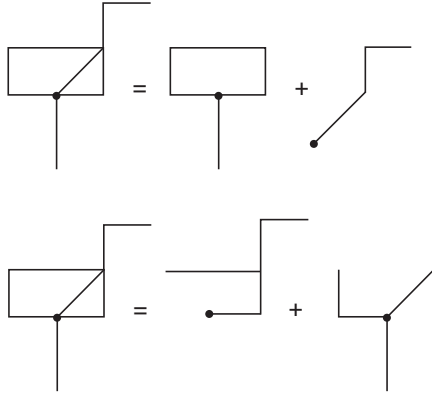
19.

I		II		
BEKAR	≡	37426	}	⇒ DEKAR = 57426
KABİR	≡	42316		
BARAK	≡	32624		
KEDER	≡	47576		

Cevap: B

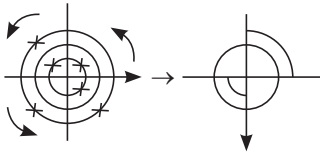


28.



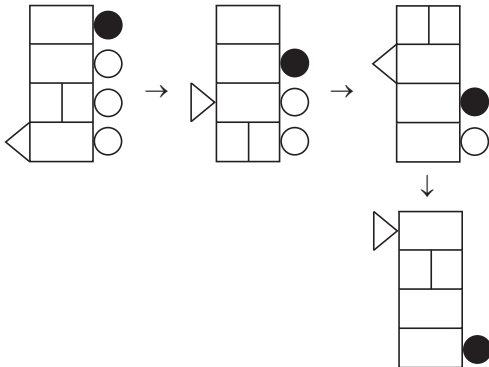
Cevap: B

29.



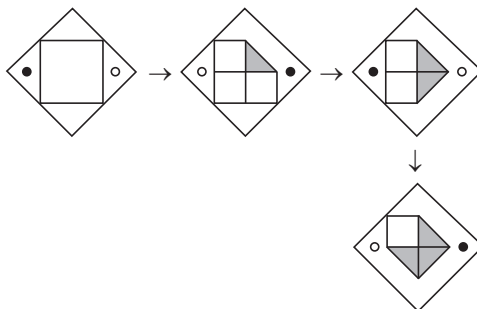
Cevap: E

30.



Cevap: E

31.



Cevap: B

32.  $6 \triangle 8 = \frac{1}{\frac{1}{6}} \triangle \frac{24}{3} = \frac{1}{6} \cdot 24 - 2 = 2$

Cevap: B

33.  $[(3,2) \triangle (1,2)] \oplus (5,3)$   
 $[(3 \cdot 2 - 2 \cdot 1, 2 \cdot 2 - 3 \cdot 1)] \oplus (5,3)$   
 $(4,1) \oplus (5,3)$   
 $(\frac{4+1}{5}, \frac{5+3}{4}) = (1,2)$

Cevap: C

34. I.  $\circ \triangle \triangle = \triangle \square \square \Rightarrow \circ \triangle = \square \square$  ①

II.  $\circ \circ \circ \circ = \square \square \square \Rightarrow \circ = 3k$   
 $\square = 4k$

①  $\Rightarrow \triangle = 5k$

III.  $\square \triangle ? \equiv \circ \circ \square \square$   
 $9k + ? \equiv 14k \Rightarrow ? = 5k = \triangle$

Cevap: A

35. I.  $\triangle \triangle \triangle \triangle = \square$

II.  $\circ = \triangle \triangle \square \Rightarrow \circ = \triangle \triangle \triangle \triangle \triangle \triangle$

III.  $\square \square \equiv \triangle \triangle \triangle \triangle \triangle \triangle \triangle \triangle \triangle \equiv \circ \triangle \triangle \triangle$

Cevap: C

36. I.  $\triangle \circ = \square \square$

II.  $\triangle \square = \circ \circ \circ \circ \Rightarrow \triangle \circ \square = \circ \circ \circ \circ \circ$   
 $\square \square$

$\Rightarrow \square \square \square = \circ \circ \circ \circ \circ$

$\Rightarrow \square = 5k$

$\circ = 3k$

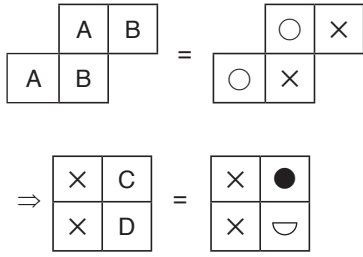
$\triangle = 7k$

III.  $\circ \circ \circ + ? = \triangle \triangle$

$\Rightarrow 9k + ? = 14k \Rightarrow ? = 5k \Rightarrow ? = \square$

Cevap: C

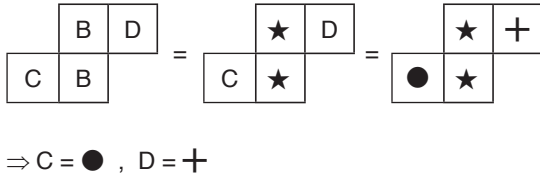
37.



C = ●  
D = ∪

Cevap: D

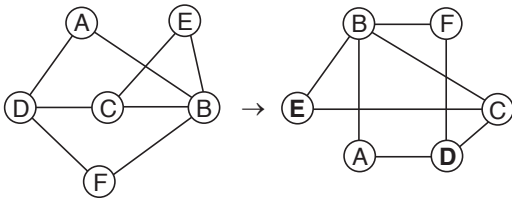
38.



⇒ C = ● , D = +

Cevap: A

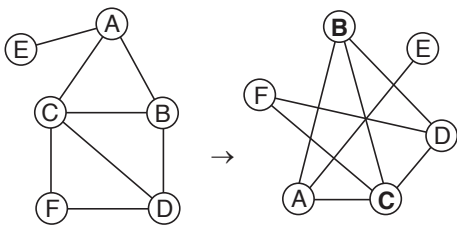
39.



⇒ X = E ; Y = D

Cevap: E

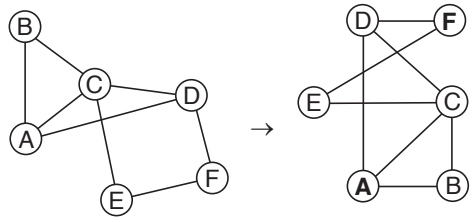
40.



⇒ X = B ; Y = C

Cevap: B

41.



⇒ X = A ; Y = F

Cevap: D

42.

5	7	1	3	8
6	10	39	9	4
3	5	14	2	4
8	2	23	6	3

$$(5^2 + 7^2) - (3^2 + 8^2) = 1$$

$$(6^2 + 10^2) - (9^2 + 4^2) = 39$$

$$(3^2 + 5^2) - (2^2 + 4^2) = 14$$

$$(8^2 + 2^2) - (6^2 + 3^2) = 23 = ?$$

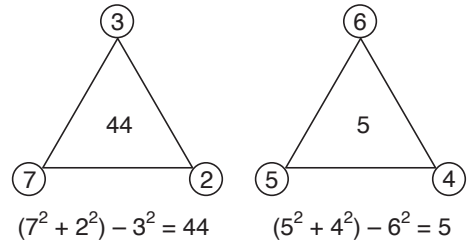
Cevap: C

43.

0 , 6 , 24 , 60 , 120  
 $(1^3 - 1)$   $(2^3 - 2)$   $(3^3 - 3)$   $(4^3 - 4)$   $(5^3 - 5)$

Cevap: C

44.

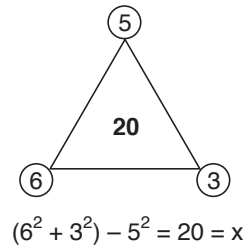


$$(7^2 + 2^2) - 3^2 = 44$$

$$(5^2 + 4^2) - 6^2 = 5$$

x = 20

Cevap: A



$$(6^2 + 3^2) - 5^2 = 20 = x$$



45. 
$$\begin{array}{ccccccc} & & \div 2 & & \div 2 & & \div 2 \\ & \swarrow & & \searrow & \swarrow & & \searrow \\ 2 & , & 120 & , & 6 & , & 60 & , & 18 & , & 30 & , & x & , & y \\ & \swarrow & & \searrow & \swarrow & & \searrow \\ & & \times 3 & & \times 3 & & \times 3 & & & & & & & \end{array}$$

$$x = 54, y = 15 \Rightarrow x + y = 69$$

Cevap: A

46. 
$$1 - \frac{x}{2 - \frac{3}{1 - \frac{2}{7}}} = 1$$

$$\Rightarrow \frac{x}{2 - \frac{3}{1 - \frac{2}{7}}} = 0 \Rightarrow x = 0$$

Cevap: C

47. 
$$3 - \frac{\frac{20}{100} - \frac{2}{100}}{\frac{10}{100} - \frac{1}{100}} = 3 - \frac{\frac{18}{100}}{\frac{9}{100}}$$

$$= 3 - \frac{18}{100} \cdot \frac{100}{9}$$

$$= 3 - 2 = 1$$

Cevap: E

48.  $a < 0 < b$

$$\begin{aligned} \Rightarrow a + \sqrt{9a^2} + \sqrt{4b^2} - |a| - |a - b| \\ = a + 3|a| + 2|b| - (-a) - [-(a - b)] \\ = a - 3a + 2b + a + a - b \\ = b \end{aligned}$$

Cevap: B

49. 
$$\left(9^{\frac{3}{2}} + 81^{\frac{1}{2}}\right) \cdot 27^{-\frac{2}{3}}$$

$$= \left((3^2)^{\frac{3}{2}} + (3^4)^{\frac{1}{2}}\right) \cdot (3^3)^{-\frac{2}{3}}$$

$$= (3^3 + 3^2) \cdot 3^{-2}$$

$$= (36) \cdot \frac{1}{9} = 4$$

Cevap: B

50. 
$$\left(\frac{\sqrt{6} - \sqrt{3} - 2 + \sqrt{2}}{\sqrt{2} - 1}\right) \cdot (\sqrt{3} + \sqrt{2})$$

$$= \left(\frac{\sqrt{3}(\sqrt{2} - 1) - \sqrt{2}(\sqrt{2} - 1)}{(\sqrt{2} - 1)}\right) \cdot (\sqrt{3} + \sqrt{2})$$

$$= \left(\frac{(\sqrt{2} - 1) \cdot (\sqrt{3} - \sqrt{2})}{(\sqrt{2} - 1)}\right) \cdot (\sqrt{3} + \sqrt{2})$$

$$= (\sqrt{3} - \sqrt{2}) \cdot (\sqrt{3} + \sqrt{2}) = 3 - 2 = 1$$

Cevap: D

51.  $\frac{1}{x} + \frac{1}{y} = 3 \Rightarrow \frac{x+y}{\frac{x \cdot y}{2}} = 3$

$$x + y = 6$$

$$\Rightarrow (x + y)^2 = x^2 + \frac{2xy}{4} + y^2 = 36$$

$$\Rightarrow x^2 + y^2 = 32$$

$$(x - y)^2 = x^2 - 2xy + y^2 = 32 - 4 = 28$$

Cevap: A

52. 
$$\frac{x^n \cdot (x - 5)}{(x - 5) \cdot (x + 1)} \cdot \frac{(x + 1)}{x^n} = 1$$

Cevap: A

53.  $a - b = 5 \Rightarrow a = b + 5$

$$b - c = 2 \Rightarrow b = c + 2$$

$$c = 1 \Rightarrow b = 3 \Rightarrow a = 8$$

$$\min(a + b + c) = 12$$

Cevap: C

54.  $3^x = 7 \Rightarrow 3 = 7^{\frac{1}{x}}$

$$\Rightarrow 3^3 = 7^{\frac{3}{x}}$$

$$\Rightarrow 27 = \sqrt[3]{7^3}$$

Cevap: E

$$55. \frac{a+b}{ab} = 1 \Rightarrow \frac{1}{a} + \frac{1}{b} = 1 \quad [1]$$

$$\frac{a+c}{a.c} = 2 \Rightarrow \frac{1}{a} + \frac{1}{c} = 2 \quad [2]$$

$$\frac{b+2c}{2b.c} = \frac{3}{2} \Rightarrow \frac{1}{b} + \frac{1}{2c} = \frac{3}{2} \quad [3]$$

$$[1], [3] \Rightarrow \frac{1}{a} + \frac{1}{b} = 1$$

$$+ \frac{-1}{b} - \frac{1}{2c} = -\frac{3}{2}$$

$$\frac{1}{a} - \frac{1}{2c} = -\frac{1}{2} \quad [4]$$

$$[2], [4] \Rightarrow \frac{1}{a} + \frac{1}{c} = 2$$

$$+ \frac{-1}{a} + \frac{1}{2c} = \frac{1}{2}$$

$$\frac{3}{2c} = \frac{5}{2} \Rightarrow c = \frac{3}{5}$$

Cevap: B

$$56. 2x^2 + (a-4)x + b + 2 = (x^2 + 1) \cdot B(x)$$

$x^2$  yerine  $-1$  yazarsak (Write  $-1$  instead of  $x^2$ )

$$-2 + (a-4)x + b + 2 = 0$$

$$(a-4)x + b = 0 \Rightarrow a = 4$$

$$+ b = 0$$

$$4$$

Cevap: D

$$57. \frac{\log\left(\frac{2}{100}\right) + \log\left(\frac{25}{100}\right)}{\log\left(\frac{5}{100}\right) + \log\left(\frac{1}{10}\right)} = \frac{\log\left(\frac{1}{200}\right)}{\log\left(\frac{1}{200}\right)} = 1$$

Cevap: B

$$58. \log_{3^2}(x^2 + 12) \cdot \log_x 3^3 = 6$$

$$\frac{3}{2} \cdot \log_x(x^2 + 12) = 6 \Rightarrow \log_x(x^2 + 12) = 4$$

$$\Rightarrow x^2 + 12 = x^4$$

$$\Rightarrow 0 = x^4 - x^2 - 12$$

$$\Rightarrow (x^2 - 4) \cdot (x^2 + 3) = 0$$

$$\Rightarrow x^2 = 4, x = 2$$

Cevap: E

$$59. x = 2 \Rightarrow 2f(0) - f(2) = 8$$

$$x = 4 \Rightarrow 2f(2) - f(0) = 10$$

$$\frac{2f(0)}{2} - f(2) = 8$$

$$+ 4f(2) - \frac{2f(0)}{2} = 20$$

$$3f(2) = 28 \Rightarrow f(2) = \frac{28}{3}$$

Cevap: D

$$60. f(g(1)) = 1 + 4 - 9 = -4$$

$$f(g(1)) = -4 \quad [1]$$

$$f\left(\frac{x}{4} + \frac{4}{x}\right) = \frac{16}{x}$$

$$x = -4 \Rightarrow f\left(-\frac{4}{4} + \frac{4}{-4}\right) = \frac{16}{-4}$$

$$f(-2) = -4$$

$$[1] \Rightarrow g(1) = -2$$

Cevap: B

$$61. \lim_{x \rightarrow \frac{\pi}{4}} \frac{(\cos^4 x - \sin^4 x)}{(\cos x - \sin x)}$$

$$= \lim_{x \rightarrow \frac{\pi}{4}} \frac{(\cos^2 x - \sin^2 x) \cdot \overbrace{(\cos^2 x + \sin^2 x)}^1}{(\cos x - \sin x)}$$

$$= \lim_{x \rightarrow \frac{\pi}{4}} \frac{(\cancel{\cos x} - \cancel{\sin x}) \cdot (\cos x + \sin x)}{(\cancel{\cos x} - \cancel{\sin x})}$$

$$= \cos \frac{\pi}{4} + \sin \frac{\pi}{4} = \frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2} = \sqrt{2}$$

Cevap: C

$$62. \lim_{x \rightarrow 0} \frac{2x \cdot \cos x}{\tan 3x} \Rightarrow \frac{(2x \cdot \cos x)'}{(\tan 3x)'} \\ = \frac{2 \cdot \cos x - 2x \cdot \sin x}{3 \cdot (1 + \tan^2 3x)} \\ (x \rightarrow 0) = \frac{2}{3}$$

Cevap: C

$$63. \lim_{x \rightarrow 1} \frac{x - 3 + 2\sqrt{x}}{\sqrt{x} - 1} = \lim_{x \rightarrow 1} \frac{x + 2\sqrt{x} - 3}{\sqrt{x} - 1} \\ = \lim_{x \rightarrow 1} \frac{(\sqrt{x} + 3)(\sqrt{x} - 1)}{(\sqrt{x} - 1)} \\ = \sqrt{1} + 3 = 4$$

Cevap: A

$$64. f(x) = \sqrt[3]{x \sqrt{x} \sqrt[3]{x \sqrt{x}}} \\ = \sqrt[36]{x^{12} \cdot x^6 \cdot x^2 \cdot x} \\ = \sqrt[36]{x^{21}} \\ = x^{\frac{21}{36}} \\ \Rightarrow f'(x) = \frac{21}{36} \cdot x^{-\frac{15}{36}} \\ \Rightarrow f'(1) = \frac{21}{36} = \frac{7}{12}$$

Cevap: A

$$65. f(x) = g(h(x)), h(x) = x^4 + 2x, g'(3) = 2 \\ f'(x) = h'(x) \cdot g'(h(x)) \\ f'(1) = h'(1) \cdot g'(h(1)) \quad h'(x) = 4x^3 + 2 \\ \underbrace{\quad \quad \quad}_3 \\ \underbrace{\quad \quad \quad}_2 \\ f'(1) = 6 \cdot 2 \\ f'(1) = 12$$

Cevap: A

$$66. f(x) = \ln(\tan x) \\ f'(x) = \frac{1 + \tan^2 x}{\tan x} \\ \Rightarrow f'\left(\frac{\pi}{4}\right) = \frac{1 + \tan^2 \frac{\pi}{4}}{\tan \frac{\pi}{4}} = 2$$

Cevap: C

$$67. y = x^{\ln x} \\ \ln y = \ln x^{\ln x} \\ \ln y = \ln x \cdot \ln x \\ \ln y = (\ln x)^2 \\ \frac{y'}{y} = 2 \cdot \frac{1}{x} \cdot \ln x \\ y' = y \cdot \frac{2 \ln x}{x} \\ f'(x) = x^{\ln x} \cdot \frac{2 \ln x}{x} \\ f'(e) = e^{\ln e} \cdot \frac{2 \ln e}{e} = 2$$

Cevap: E

$$68. \begin{array}{cc} \text{Baba} & \text{Oğul} \\ 4x & x \\ \downarrow & \downarrow \\ 4 \text{ yıl sonra: } & 4x+4 = 3 \cdot (x+4) \\ & 4x+4 = 3x + 12 \\ & x = 8 \\ \text{Baba bugün: } & 4x = 4 \cdot 8 = 32 \text{ yaşındadır.} \end{array}$$

Cevap: B

$$69. \text{Muz: m} \\ \text{Portakal: p} \\ \text{Elma: e olsun.} \\ \text{Merve} \\ 4m + 6p + 2e = 74 \\ \text{Kemal} \\ 2m + 5p + 1e = 47 \\ 4m + 6p + 2e = 74 \\ -2 / 2m + 5p + e = 47 \\ \hline 4m + 6p + 2e = 74 \\ + -4m - 10p - 2e = -94 \\ \hline -4p = -20 \\ p = 5 \text{ TL'dir.}$$

Cevap: C

$$70. \int_0^{\sqrt[3]{4}} 3x^2 dx = \int_{\sqrt[3]{4}}^a 3x^2 dx$$

$$x^3 \Big|_0^{\sqrt[3]{4}} = x^3 \Big|_{\sqrt[3]{4}}^a$$

$$(4 - 0) = (a^3 - 4) \Rightarrow a^3 = 8 \\ \Rightarrow a = 2$$

Cevap: B

$$71. \sqrt{x} = a \Rightarrow x = a^2 \Rightarrow dx = 2a \cdot da$$

$$\int e^{\sqrt{x}} dx = \int e^a 2a \cdot da$$

$$2a = v \quad e^a da = du$$

$$2da = dv \quad e^a = u$$

$$\int e^a 2a \cdot da = 2a \cdot e^a - \int e^a 2da \\ = 2a \cdot e^a - 2e^a + c \\ = 2\sqrt{x} \cdot e^{\sqrt{x}} - 2 \cdot e^{\sqrt{x}} + c \\ = 2e^{\sqrt{x}} \cdot (\sqrt{x} - 1) + c$$

Cevap: C

$$72. \frac{\sin 11x}{\sin 5x} + \frac{\cos 11x}{\cos 5x}$$

$$= \frac{\sin 11x \cdot \cos 5x + \cos 11x \cdot \sin 5x}{\sin 5x \cdot \cos 5x}$$

$$= \frac{\sin 16x}{\sin 10x} = \frac{2 \cdot \sin 16x}{2 \cdot \sin 10x}$$

$$(16x + 10x = 26x = \pi) \Rightarrow \sin 16x = \sin 10x$$

$$\Rightarrow \frac{2 \sin 16x}{2 \sin 10x} = 2$$

Cevap: B

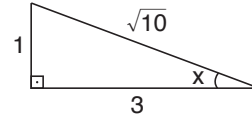
$$73. \arcsin \frac{3}{5} = 2x \Rightarrow \sin 2x = \frac{3}{5}$$

$$\Rightarrow \cos 2x = \frac{4}{5}$$

$$\Rightarrow 2\cos^2 x - 1 = \frac{4}{5}$$

$$\Rightarrow \cos^2 x = \frac{9}{10}$$

$$\Rightarrow \cos x = \frac{3}{\sqrt{10}}$$



$$\Rightarrow \cot x = 3$$

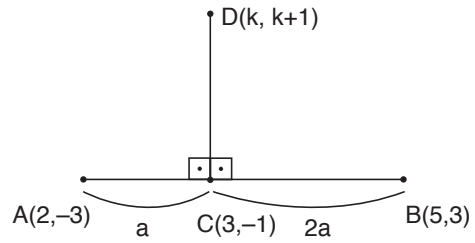
Cevap: E

$$74. z = \left( \frac{1+i}{1-i} \right)^{10} = \left[ \left( \frac{1+i}{1-i} \right)^2 \right]^5 = \left[ \frac{x+2i+y^2}{x-2i+y^2} \right]^5 \\ = \left[ \frac{2i}{-2i} \right]^5 = [-1]^5 = -1$$

$$\Rightarrow \operatorname{Re}(z) = -1$$

Cevap: D

75.

[AB]  $\perp$  [DC]

$$\Rightarrow M_{[AB]} \cdot M_{[DC]} = -1 \Rightarrow \frac{3 - (-3)}{5 - 2} \cdot M_{[DC]} = -1$$

$$\Rightarrow \frac{6}{3} \cdot M_{[DC]} = -1$$

$$\Rightarrow M_{[DC]} = -\frac{1}{2}$$

$$M_{[DC]} = \frac{k+1 - (-1)}{k-3} = -\frac{1}{2}$$

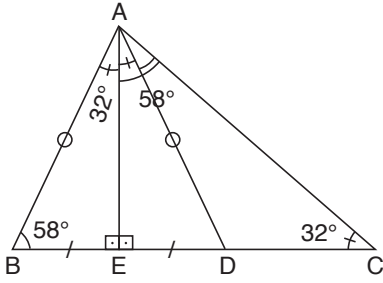
$$\Rightarrow \frac{k+2}{k-3} = -\frac{1}{2} \Rightarrow 2k+4 = -k+3$$

$$3k = -1$$

$$k = -\frac{1}{3}$$

Cevap: B

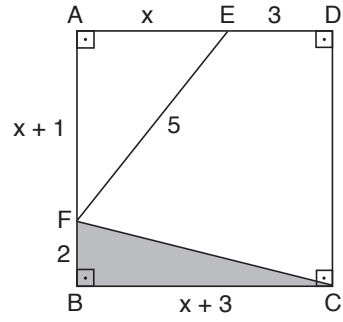
76.



$$\Rightarrow m(\widehat{ABC}) = 58^\circ$$

Cevap: D

78.

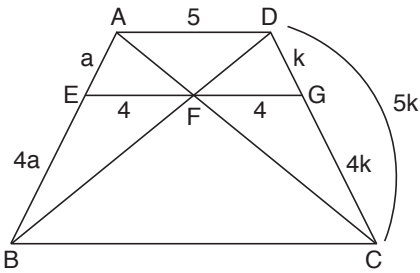


$$\begin{aligned} (x + 1)^2 + x^2 &= 5^2 \\ x^2 + 2x + 1 + x^2 &= 25 \\ 2x^2 + 2x - 24 &= 0 \\ 2x^2 + 2x - 24 &= 0 \\ x^2 + x - 12 &= 0 \\ (x - 3)(x + 4) &= 0 \\ \Rightarrow x = 3 &\Rightarrow BCI = 6 \Rightarrow A(BCF) = \frac{6 \cdot 2}{2} \\ &= 6 \text{ br}^2 \end{aligned}$$

Cevap: B

TASARI EĞİTİM YAYINLARI

77.



$$\frac{|FG|}{|AD|} = \frac{|CG|}{|CD|} = \frac{4}{5}$$

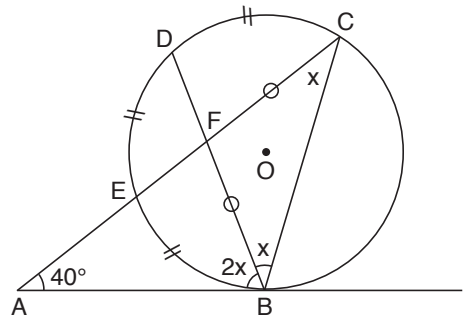
$$\frac{|CG|}{|CD|} = \frac{|BE|}{|BA|} = \frac{4}{5}$$

$$\frac{|AE|}{|AB|} = \frac{|EF|}{|BC|}$$

$$\Rightarrow \frac{1}{5} = \frac{4}{|BC|} \Rightarrow |BC| = 20 \text{ br}$$

Cevap: A

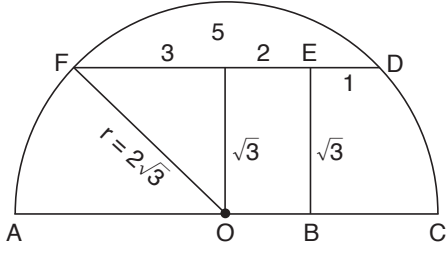
79.



$$\begin{aligned} 40 + 4x &= 180 \\ 4x &= 140 \\ x &= 35 \end{aligned}$$

Cevap: D

80.



$$\Rightarrow |AC| = 4\sqrt{3} \text{ br}$$

Cevap: E