

$$\left(\frac{7,5}{4,8}\right) \times \left(\frac{5}{4}\right)^{-1} = ?$$

- A)1 B)1.25 C)1.2
D)2 E)3

$$\frac{\sqrt{0,64} + \sqrt[3]{0,008}}{\sqrt{0,01} + \sqrt[3]{0,125}} = ?$$

- A)1 B)5/3 C)5/3
D)5 E)6

$$f \circ g(x) = \frac{2x + 13}{15}$$

$$g(x) = \frac{x+4}{5}$$

$$f^{-1}(7) = ?$$

- A)10 B)11 C)12
D)13 E)15

$$f(x + 1) = x \cdot f(x)$$

$$f(x) = 7$$

$$f(7) = ?$$

- A)6!.5 B)7.7! C)7!
D)6! E)5!.7

$$A \cdot B = 24$$

$$B \cdot C = 32$$

$$A \cdot C = 48$$

$$\frac{C}{A-B} = ?$$

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

$$\frac{x^3 - 8}{x^2 - 4} \cdot \frac{x^2 + 4x + 4}{2x^2 + 4x + 8} = ?$$

- A)x-2 B)x+2 C)x+4/2
D)x/2+1 E)x/2-1

$f(x) = 2x \cdot \sin x$ $\frac{d^2 f(x)}{dx^2} \Big _{x=\frac{\pi}{4}} = ?$ <p> A) $\frac{8\sqrt{2} + \sqrt{2}\pi}{2}$ B) $\frac{\sqrt{2}(8-\pi)}{4}$ C) $\frac{\sqrt{2}(8-\pi)}{2}$ D) $\frac{\sqrt{2}\pi + 4}{3}$ E) $\pi + 4\sqrt{2}$ </p>	$\frac{3 \cdot 10^4 \cdot 7 \cdot 10^3}{4 \cdot 10^{-3} + 8 \cdot 10^{-2}} = 215 \cdot 10^{x+1}$ $x = ?$ <p> A) 4 B) 5 C) 6 D) 7 E) 8 </p>
$\int_0^1 \frac{x+1}{x-1} dx = ?$ <p> A) $\ln 4/e$ B) $\ln 5$ C) 3 D) $\ln e/4$ E) 2 </p>	$\frac{(1-i)^6 \cdot (1+2i)}{(1+i)^4} = ?$ <p> A) $4+2i$ B) $6i+3$ C) $4-2i$ D) $2i-4$ E) $5+i$ </p>

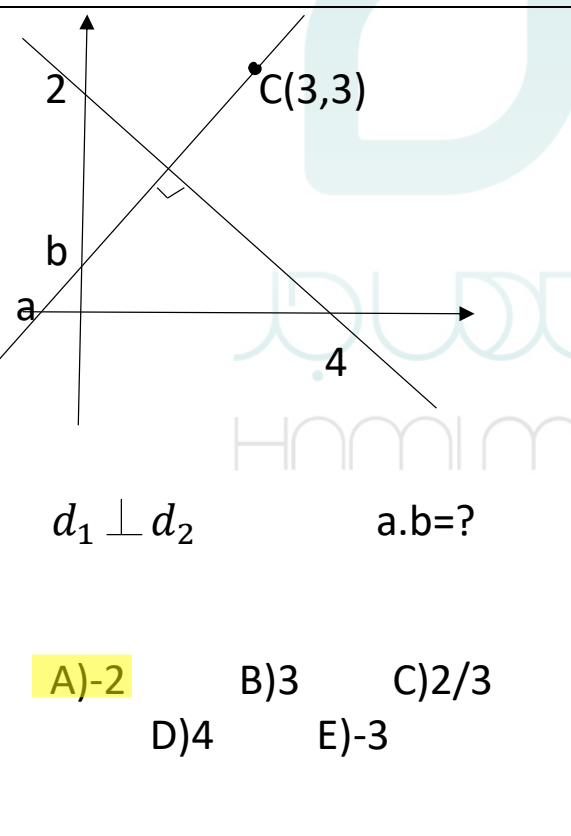
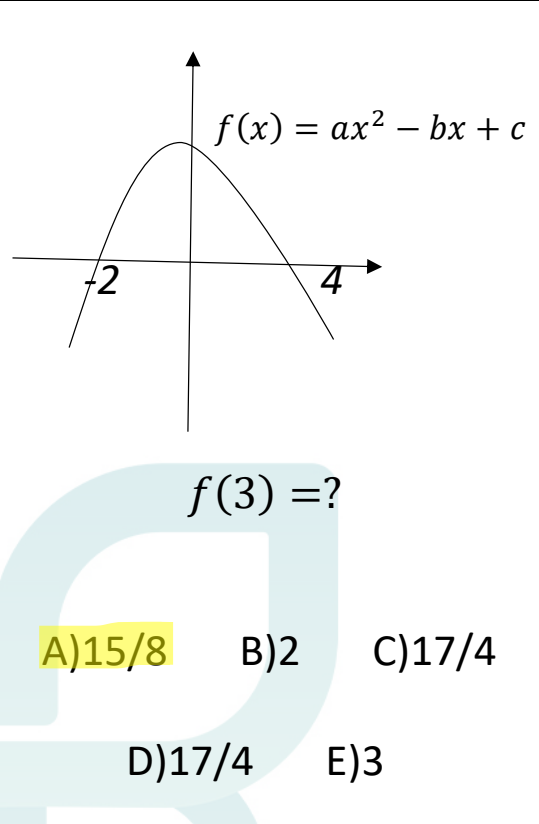
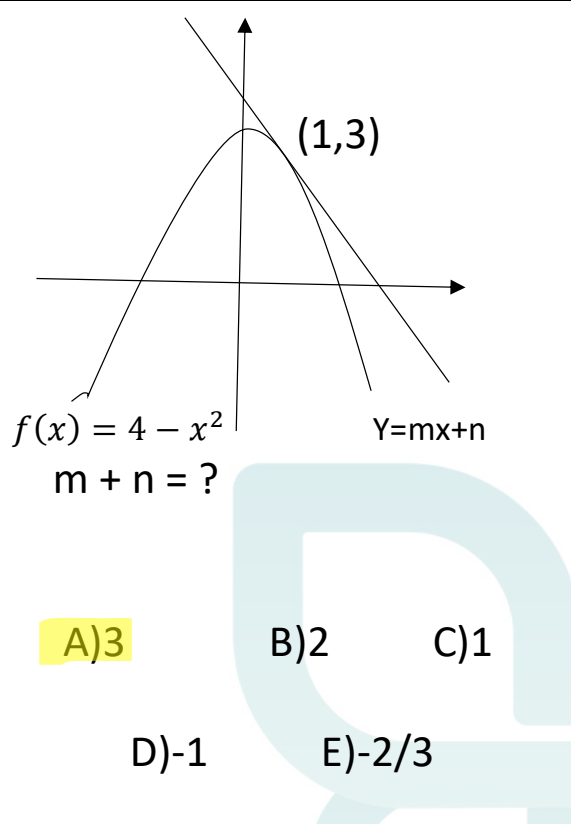
$-3 < x < 5$ $ x-6 + x+8 - 2x-10 = ?$ <p> A) $2x+4$ B) 12 C) $2x+5$ D) 24 E) 4 </p>	$\frac{4,1\overline{8} - 0,3}{1,9\overline{24}} = ?$ <p> A) $1,9\overline{9}$ B) $1,9\overline{8}$ C) $1,9\overline{7}$ D) $1,9\overline{6}$ E) $1,9\overline{5}$ </p>
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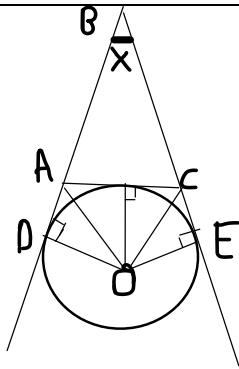
$\frac{d^3y}{dx^3} \Rightarrow y = (4x - 1)^3$ $=?$ <p>A) $4x-1$ B) 384 C) $(4x-1)64$ D) 192 E) 64</p>	$\frac{(\sqrt{12} - \sqrt{3})(\sqrt{27} + \sqrt{3})}{(2 - \sqrt{2})(\sqrt{7 - 4\sqrt{3}})}$ $=?$ <p>A) 5 B) $7\sqrt{3}$ C) 12 D) 10 E) $6\sqrt{3}$</p>
<p>$f(x)$ sürekli fonksiyon</p> <p>A) -1 B) -2 C) 3 D) -3 E) 2</p>	$\log_x(xy) = 5$ $\log_y\left(\frac{x}{y}\right) = ?$ <p>A) -1/2 B) 1/2 C) 1 D) 2 E) -2</p>

$\frac{x}{3} = \frac{y}{4} = 2z$ $5x + 2y - 8z = 114$ $y = ?$ <p>A)24 B)32 C)16 D)15 E)64</p>	$\left(\frac{\sin 15}{\cos 15} + \frac{\cos 15}{\sin 15}\right) \cdot \frac{\tan 15}{\cot 15} = ?$ <p>A)1/3 B)4 C)2/5 D)1/4 E)$\sqrt{3} + 2$</p>
$\lim_{x \rightarrow 8} \frac{x^2 - 64}{\sqrt{x} - 2\sqrt{2}} = ?$ <p>A) $16\sqrt{2}$ B)32 C)$32\sqrt{2}$ D)64 E)$64\sqrt{2}$</p>	$\int_1^8 \left(\sqrt[3]{x} + \frac{1}{x^2}\right) dx = ?$ <p>A)15 B)95/4 C)16 D)97/8 E)17</p>

$\int_{-1}^0 \frac{x+1}{e^{x^2+2x}} dx = ?$ <p>A)$e^{-1/2}$ B)$e^{1/2}$ C)$2e^{1/2}$ D)3 E)$e+4$</p>	$\frac{1}{42} + \frac{1}{56} + \frac{1}{72} + \frac{1}{90} = ?$ <p>A)1/21 B)1/14 C)1/15 D)1/28 E)1/16</p>
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$a^2 + 8a - 6 = 0$ $b^2 + 8b - 6 = 0$ $a \neq b \Rightarrow \frac{1}{a} + \frac{1}{b} = ?$ <p>A) -1/3 B) -4/3 C) 2 D) 4/3 E) 2/3</p>	$8 + 12 + 16 + \dots + 96 = ?$ <p>A) 1186 B) 1198 C) 1196 D) 1003 E) 1006</p>
$an = \frac{3n + 8}{n + 1}$ $bn = 3 + \frac{p - 1}{n + 1}$ $an = bn \Rightarrow ap = ?$ <p>A) 25/7 B) 23/7 C) 24/7 D) 26/7 E) 4</p>	$\frac{40}{11 - \frac{15}{1 - \frac{1}{x + 1}}} = 5$ $x = ?$ <p>فكرة شبيهها</p> <p>A) -5/4 B) 6 C) 7 D) 13/2 E) 6/7</p>
$p(2x - 6) = x^3 - 4x^2 + 6x + 4$ $p(x) = a_x^3 + bx^2 + cx + d$ $d = ?$ <p>فكرة شبيهها</p> <p>A) 14 B) 15 C) 16 D) 17 E) 13</p>	$p < Q < R$ $n(p) = 5$ $n(Q) = 7$ $n(R) = 11$ $n((P \cup Q) \setminus (R \setminus Q)) = ?$ <p>فكرة شبيهها</p> <p>A) 0 B) 1 C) 2 D) 3 E) 4</p>

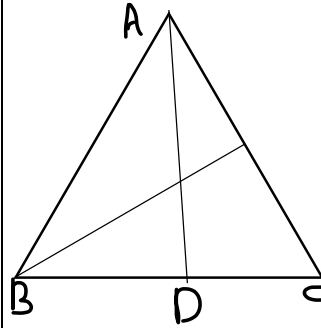




$$2(\text{AOC})=3(\text{DBE})$$

$$X=?$$

- A)41 B)36 C)45
D)48 E)52



$$|AE|=2\sqrt{3}$$

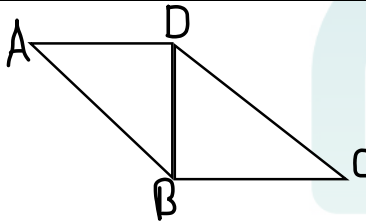
$$|AD|=9$$

$$|AB|=|BC|=|AC|$$

$$|BD|=|DC|$$

$$|BE|=?$$

- A)11 B)12 C) $2\sqrt{21}$
D) $4\sqrt{7}$ E) $5\sqrt{19}$



$$|AB|=|BC|=5$$

$$|DC|=21$$

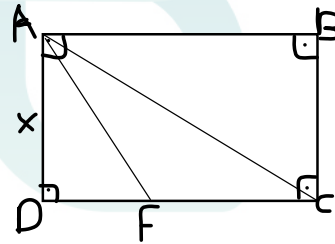
$$|AD|\perp|DC|$$

$$|AD|\perp|BC|$$

$$A(\text{ADB})=X \text{ Cm}^2$$

$$X=?$$

- A)15 B) $47/4$ C) $74/4$
D)18 E)21



$$2|DF|=|FC|$$

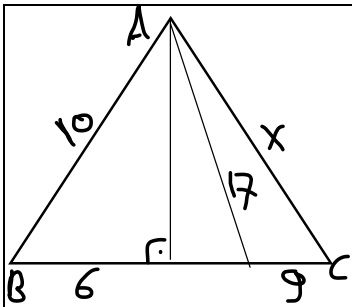
$$\text{ABCD dik dörtgen}$$

$$|AC|=9$$

$$|AF|=6$$

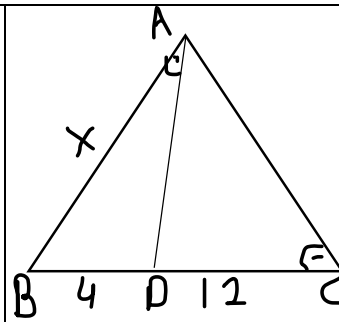
$$X=?$$

- A) $\frac{9\sqrt{3}}{2\sqrt{2}}$ B) $\frac{9\sqrt{2}}{2\sqrt{3}}$ C) $9\sqrt{2}$
D) $\frac{9\sqrt{3}}{2}$ C) $\frac{8\sqrt{3}}{2\sqrt{2}}$



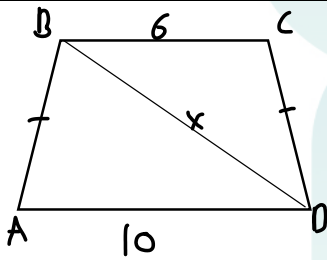
$x = ?$

- A) 11 B) 12 C) $8\sqrt{10}$
 D) $8\sqrt{5}$ E) $4\sqrt{6}$



$x = ?$

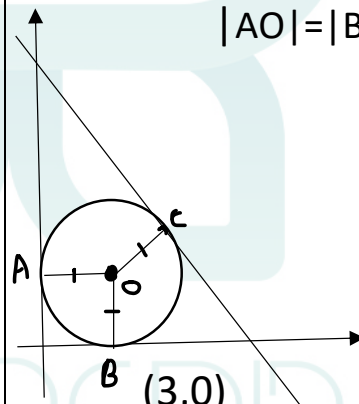
- A) 8 B) 11 C) $15/2$
 D) $19/3$ E) 9



yamuk

$x = ?$

- A) 3 B) $5\sqrt{5}$ C) $2\sqrt{7}$
 D) $3\sqrt{6}$ E) $4\sqrt{5}$



$|AO| = |BO| = |OC| = 3$

$3x + 4y + c = 0$

- A) -41 B) -38 C) -36
 D) -34 E) -33

AB = CC

AAAB = BCCC

B = ?

A) AAA B) AB C) CC

A) ● B) ▬ C) ○
 ▴

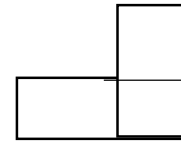
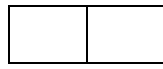
-2	-1	0	1	2	3
A	-2	0	B	10	30

5 9 20 50 135 ?

B-A?

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

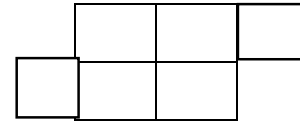
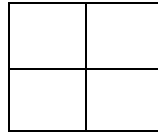
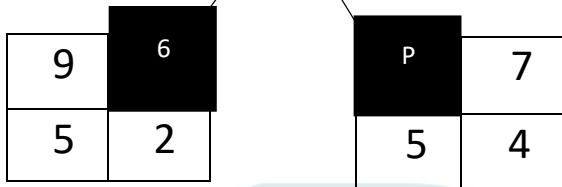
- A) 400 B) 323 C) 383
- D) 384 E) 395



5

7

السؤال مشكوك بامرہ



8

?

P=?

A)4

B)5

C)6

D)7

E)8

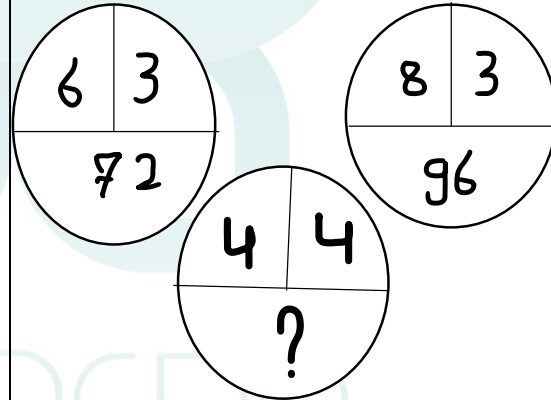
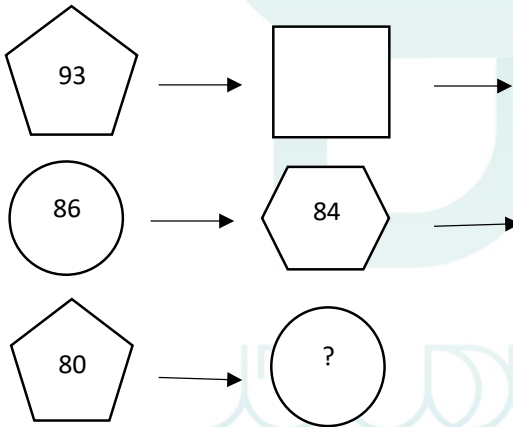
A)6

B)8

C)11

D)12

E)14



A)72

B)73

C)74

D)75

E)76

A)64

B)48

C)32

D)16

E)24

A,B Sıfırdan farklı

$$\begin{array}{r} A \\ + B \\ \hline B \end{array} \quad \begin{array}{r} B \\ + 3 \\ \hline C \end{array}$$

Min(C) + Max(C) = ?

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

$$\frac{a}{3} \diamond \frac{b+2}{1} = \frac{a \cdot b}{2}$$

$$2 \diamond 4 = ?$$

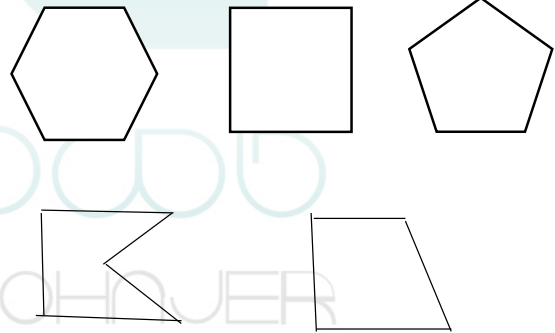
- A)2 B)3 C)4
D)5 E)6

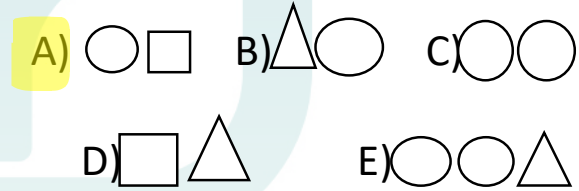
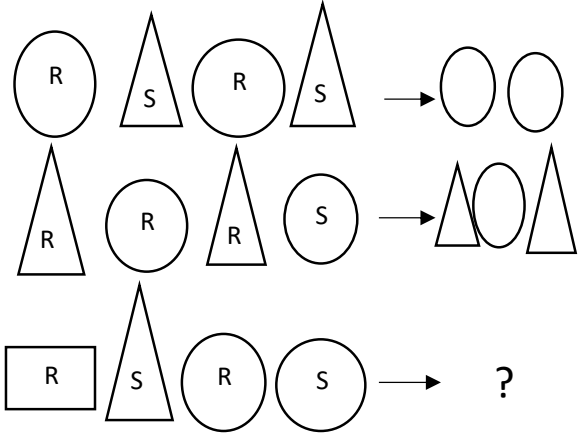
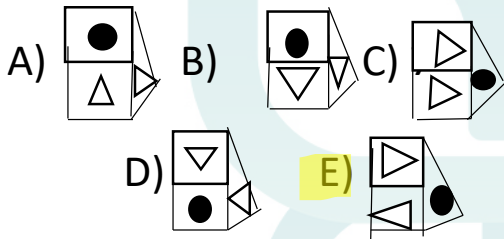
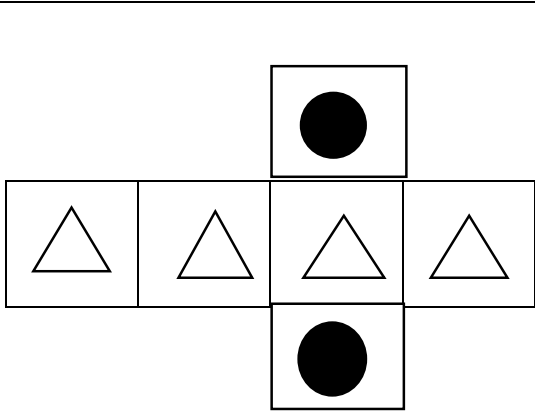
$$a * b = \begin{cases} 3b - a & a > b \\ 5a - b & a < b \end{cases}$$

$$2 * 4 = ?$$

- A)45 B)35 C)-60
D)-225 E)-220

Hangisi diğerlerinden farklıdır?

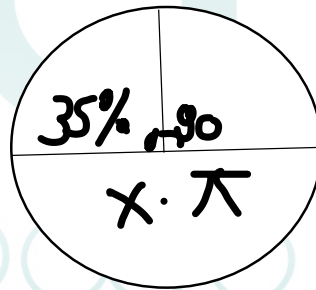




$$a * b = ab - (a * b) \cdot 4$$

$$2 * 5 = ?$$

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



$$x = ?$$

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

A logic puzzle involving circles and triangles. The first circle has triangles with numbers 5 and 6 on top and the number 4220 inside. The second circle has triangles with numbers 4 and 3 on top and the number 2006 inside. The third circle has triangles with numbers 7 and 5 on top and a question mark inside.

A)4824 B)8042 C)4248

A logic puzzle involving 3x3 grids. The first grid has diagonal lines from top-left to bottom-right in the top-left and bottom-left cells. The second grid has diagonal lines from top-right to bottom-left in the top-left and bottom-left cells. The third grid is a 3x3 table with numbers.

4	1	2
1	1	1
2	1	2

فكرة شبيها

A logic puzzle involving a vertical line with horizontal and diagonal lines. The first diagram shows a vertical line with two horizontal lines at the top and two diagonal lines on the left. An arrow points to a second diagram where the diagonal lines are now on the right. The second diagram shows a vertical line with two horizontal lines at the top and two diagonal lines on the left. An arrow points to a question mark.

فكرة شبيها

5	7	2	9	17
9	11	3	11	66
8	7	6	6	?
14	3	1	0	42

فكرة شبيها

A)26 B)15 C)13
D)11 E)35

