

1- $\sqrt{5} \left(\frac{\sqrt{45} + \sqrt{15}}{\sqrt{3}} - \frac{\sqrt{75} + 3}{\sqrt{5}} \right) = ?$

2- $\frac{1}{1-2\sqrt{x}} = 3$ $x = ?$

3- $p(x) = ax^2 - 28x + 12a$

$p(b) = p(6b) = 0$ $(a + b) = ?$

4- $2a = b$

$a \cdot c = 54$

$2b = c - 6$

$a \cdot b = d$

$d = ?$

5- KL6

$K+L+M=?$

$$\begin{array}{r} \times \quad M \\ \hline 5MMM \end{array}$$

6- $||x| - |y|| = 5|x|$

$|y - x| = 5$

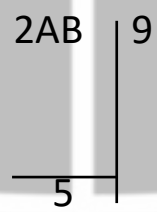
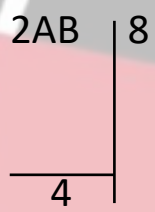
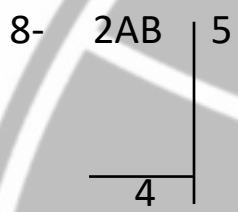
$x \cdot y = ?$

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7- $(x + 2y)^2 = 4xy + 9$

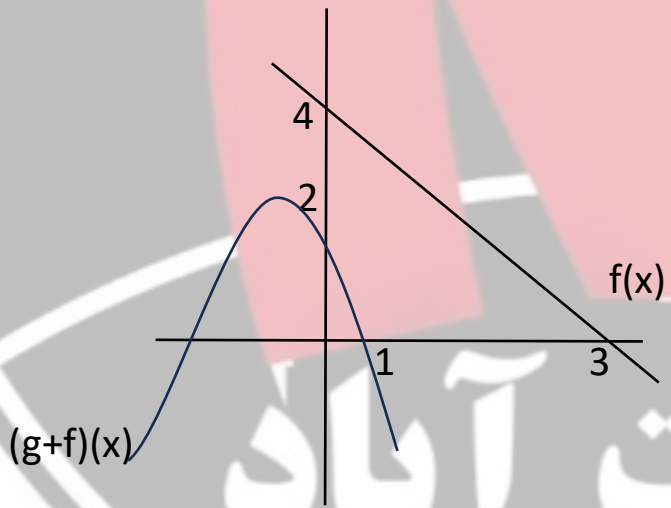
$2x^2 - 3y^2 = 7$

$x^2 + y^2 = ?$



A.B=?

9-



$g(x) = ax^2 + ax + b$

$a = ?$

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10- $f(x-3)=x$ $f \circ f(a)=g(6)$

$g(x)=2x+1$ $a=?$

11- $3b+ac=18$

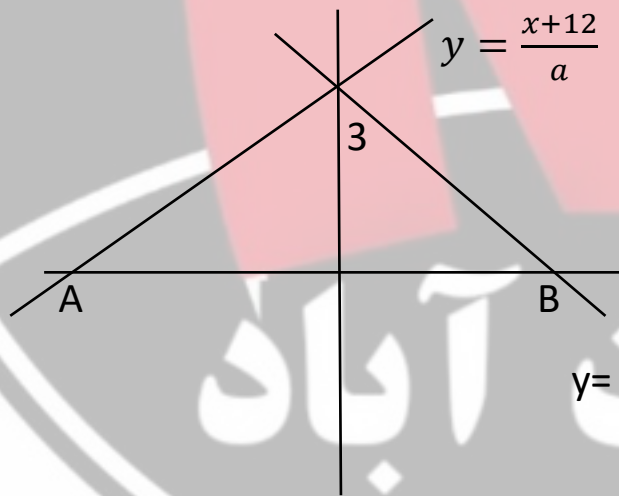
$3a+bc=18$ $a \cdot b \cdot c=?$

$2c+ab=12$

12- $A \cdot B \cdot C < A \cdot B < 0 < A^2 \cdot B^2 < A \cdot B^2$

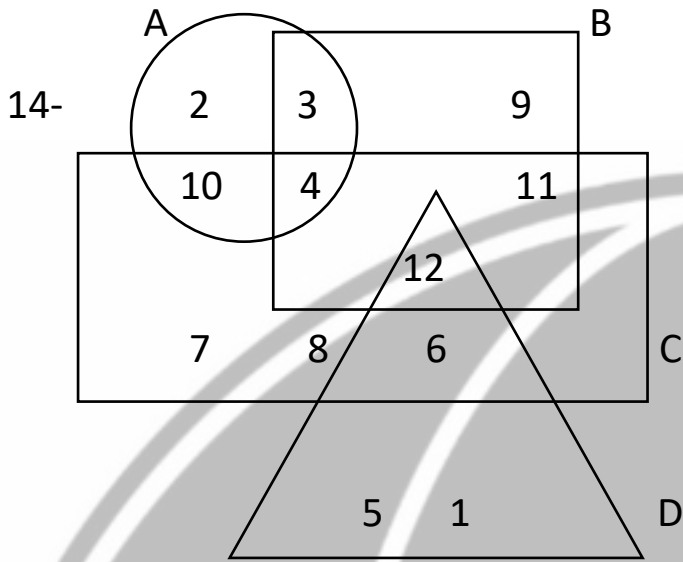
$? < ? < ?$

13-



$|AB| = ?$

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$$X = \{7, 8, 9, 11\} \text{ -----} > X = ?$$

15- $f(x) = 2x - 1$
 $g(x) = -3x + 4$
 $f \circ g(0) + g \circ f(1) = ?$

16- $\frac{x^2 + 7x + 12}{x^3 + 6x^2 - 7x} \cdot \frac{x^3 + 8x^2 + 7x}{x^2 + 5x + 4} = ?$

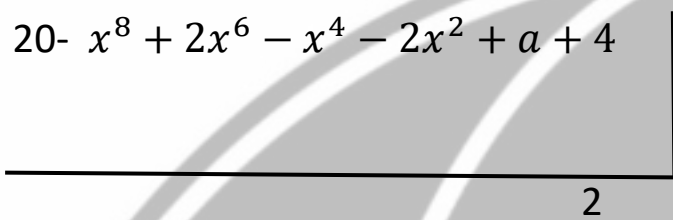
17- $2^{4x-10} \cdot 5^{2y+1} = 500$ $x + y = ?$

18- $\frac{\frac{4}{7} + \frac{4}{8}}{\frac{3}{3} \cdot \frac{5}{5}} = ?$

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19- $\frac{x+1}{2} - \frac{x+1}{4} \leq \frac{2}{x-6}$ $\max(x)=?$

20- $x^8 + 2x^6 - x^4 - 2x^2 + a + 4$ $x^2 + 2$ $a=?$



21- $\frac{10! - 2.8!}{6!.7 + 4.6!} = ?$

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