

3

$$A = \{3, 8, 9, 5, 4\}$$

A

1 •

(2

$$3, 8, 9, 5, 4$$

$$6, 4, 7, 9, 2$$

$$(E \cap F)$$

$$E \cap F$$

F

2 •

$$C = \frac{-\sqrt{6}}{\sqrt{6}-2} + \frac{2}{\sqrt{6}+2}$$

C

$$C \in \mathbb{Z}$$

3 •

OI OJ OI OJ :

$$x_B = 2 \quad x_A = -4$$

(OI)

B

O, I, J

(1

AB OA

$$OM = 2$$

OI

M

(2

(OM)

(AM)

B

C

C

BC

[BD]

M

D (-2;4)

(3

(AB)

(AD)

M

N(4

N

[AD]

N

-

MN

-

4 •

x

$$\left| 1 - \frac{x}{5} \right|$$

$$|x - 5| = 12$$

5 •

$$D = \frac{-5}{4 + 2\sqrt{5}}$$

D

D

$$y \quad x$$

$$x + y = -5$$

$$2\sqrt{5} \quad 4$$

$$y \quad x$$

6 •

$$B = 9\sqrt{\frac{28}{99}} + 8\sqrt{\frac{27}{32}} - 4\sqrt{\frac{63}{44}} - 10\sqrt{\frac{48}{50}}$$

$$B = -\sqrt{6}$$

$$A = 3\sqrt{3} \left( \frac{\sqrt{15}}{3\sqrt{20} - \sqrt{45}} \right)$$

$$A = 3$$

B A

$$C = \sqrt{53 + AB} \quad -$$

7 •

. OI OJ OI OJ :

O, I, J

$$B\left(\frac{10}{3}; 3\right)$$

$$A(-2; 3) \quad -$$

OI

(AB) -

$$C = S_o(A) \quad -$$

. ABC

G

G

( AE )

( OB )

E

( OI )

( CB ) -

8 •

. OI AB=8 [AB] O ζ  
 (OI)//(AC) [BC] I AC=4 ζ C -  
 . C ABC OBC -  
 ACOD D ζ [IO] -

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