

یازدهم دختر C

تالیف ۱۷

مرآت آقایی

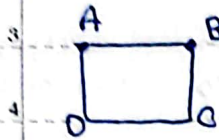
۱۹,۷۵

Subject.

Day. Month. Year.

$$\frac{\Delta y}{\Delta x} = -\frac{1}{p} \rightarrow \frac{k-m}{-p-k} = -\frac{1}{p} \rightarrow k-m=3 \quad -\frac{1}{p}x+b=y \rightarrow 1+b=k \quad (1)$$

$$-\frac{1}{p}x+b=y \rightarrow -2+b=m$$



$$\left. \begin{array}{l} b=k-1 \\ b=m+2 \end{array} \right\} \rightarrow k-1=m+2 \rightarrow k-m=3$$

$$\sqrt{(k-m)^2 + (-2-k)^2} = \sqrt{(9) + (16)} = \sqrt{25}$$

$$S_{\square} = \sqrt{25} \times \sqrt{25} = 25$$

(2)

$$-2A+2C=-2B+2D \rightarrow x=3, y=-1 \quad \text{حالت اول}$$

$$4A+4C=4B+4D$$

$$\sqrt{\left(\frac{10}{p}-3\right)^2 + (-1-1)^2} = 2\sqrt{5}$$

$$P_{\square} = 5 + 5 + 5 = 15$$

$$\sqrt{\left(-\frac{5}{p}-\frac{10}{p}\right)^2 + (2-(-1))^2} = 5$$

$$\tan \alpha \rightarrow \tan 45^\circ = \sqrt{10} \rightarrow \frac{pm}{m^2-1} = \sqrt{10} \rightarrow \sqrt{10}m^2 - \sqrt{10} = -pm \quad (3)$$

$$pm\alpha + (m^2-1)y = 3 \rightarrow y = \frac{3-pm\alpha}{m^2-1} \rightarrow \alpha = \frac{pm}{m^2-1}$$

$$\sqrt{10}m^2 + pm - \sqrt{10} = 0$$

$$m^2 + pm - 10 = 0 \rightarrow m = 1, -10 \rightarrow \frac{1}{\sqrt{10}}, -\frac{10}{\sqrt{10}}, \frac{\sqrt{10}}{10}, -\frac{10\sqrt{10}}{10}$$

$$\frac{\sqrt{10}}{10} - (-\sqrt{10}) = \frac{11\sqrt{10}}{10}$$

23

24

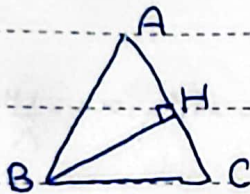


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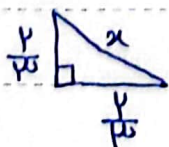
$$\frac{\Delta y}{\Delta x} = \frac{10-11}{10-9} = \frac{-1}{-1} = 1, \quad y - 11 = 1(x - 10) \rightarrow y - 11 = x - 10 \rightarrow y = x + 1 \quad (4)$$

$$AH = \frac{|1 \cdot 1 + 9 + 10|}{\sqrt{1+1}} = \frac{1 \cdot \sqrt{2}}{\sqrt{2}} = \boxed{\sqrt{2}}$$



$$\begin{aligned} y + 1x &= 11 \rightarrow y + x = 11 \\ y - 1x &= -19 \end{aligned} \rightarrow \begin{cases} x = 10 \\ y = 1 \end{cases} \rightarrow B$$

$$BH = \frac{|1 \cdot 1 + 9 + 10|}{\sqrt{1+1}} = \frac{1 \cdot \sqrt{2}}{\sqrt{2}} = \boxed{\sqrt{2}}$$



$$\frac{\Delta y}{\Delta x} = \frac{1-0}{0-1} = -1 \rightarrow y - 0 = -1(x - 0) \rightarrow y = -x \rightarrow x = -y$$

$$x = \sqrt{\frac{1}{1} + \frac{1}{1}} = \sqrt{2} = \boxed{\sqrt{2}}$$

Subject.....

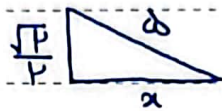
Day..... Month..... Year.....

1 $ay - x = a - 1 \quad y - ax = 1 \rightarrow m = m'$ (7)

2 $a = 1 \rightarrow y - x = \dots \quad y - x = 1$

3 $ab \times \sin \theta = S_{\square} \rightarrow S_{\square} = \frac{\sqrt{p}}{p} \times \frac{v}{\sqrt{p}} = \frac{v}{p} = \boxed{\frac{10}{\omega}}$

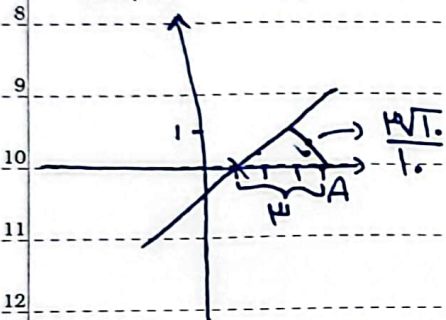
4 $\frac{1 \cdot 1 - 0 \cdot 1}{\sqrt{1+1}} = \frac{\sqrt{p}}{p} = \sin \theta$



$\rightarrow \frac{x}{p} + \alpha^2 = p \alpha \rightarrow \alpha^2 = \frac{p^2}{p}$

$\alpha = \frac{v}{\sqrt{p}}$

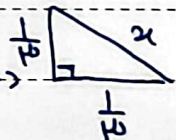
7 $\frac{|k \cdot -1|}{\sqrt{1+9}} = \frac{10}{\sqrt{10}} = \frac{10\sqrt{10}}{10}$ (8)



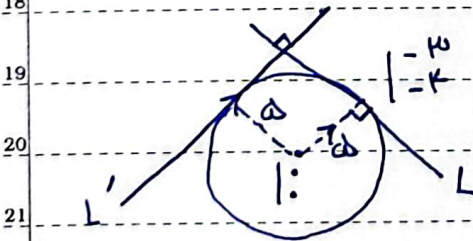
$\rightarrow 9 - \frac{9}{10} = \frac{81}{10} \Rightarrow \frac{9}{\sqrt{10}} \rightarrow S_{\Delta} = \frac{9}{\sqrt{10}} \times \frac{10}{\sqrt{10}} \times \frac{1}{2} = \boxed{\frac{45}{10}}$

13 $\frac{\Delta y}{\Delta x} = \sqrt{10} = \frac{a-b}{-\frac{1}{p} + \frac{1}{q}} \Rightarrow \frac{a-b}{-\frac{1}{q}} = \sqrt{10} \rightarrow a-b = \frac{\sqrt{10}}{q}$ (9)

15 $\sqrt{(a-b)^2 + (-\frac{1}{p} + \frac{1}{q})^2} = \sqrt{\frac{k}{10q}} = \frac{p}{q} = \frac{1}{\sqrt{10}}$



17 $\alpha = \frac{1}{q} + \frac{1}{q} = \frac{p}{q} \rightarrow \boxed{\frac{\sqrt{10}}{10} = \alpha}$



19 $\frac{\Delta y}{\Delta x} = \frac{k}{w} \rightarrow \sqrt{(9) + (19)} = \omega$ (10)

$\frac{k}{w} \alpha + b = y \rightarrow \frac{10}{w} y - k \alpha - w b = \dots$

22 $\frac{|-wb|}{\sqrt{9+19}} = \frac{1-wb}{\sqrt{28}} = \omega \rightarrow |-wb| = \omega \omega \rightarrow wb = \omega \omega \rightarrow b = \frac{\omega \omega}{w}$

24 $\frac{k}{w} \alpha + \frac{\omega \omega}{w} = y \rightarrow L' \quad L = -\frac{w}{k} \alpha + b = y \rightarrow \frac{9}{k} + b = -k \rightarrow b = -\frac{9}{k}$

$L: y = \frac{F}{r} k + k$
 $OA = a \quad OL = \frac{k}{a} = a \rightarrow k = \frac{10}{p}$
 $\frac{10}{1r} \alpha = \frac{-10\omega}{1r} = -\omega \rightarrow \omega = -1$
 $- \omega - 1 = \omega$

$\frac{k}{p} \alpha + \frac{10\omega}{p} = \frac{9}{k} \alpha - \frac{1}{k} \rightarrow \boxed{\alpha = \frac{1}{p}} \quad \boxed{y = 1} \rightarrow \underline{\underline{v}}$