

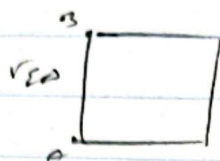
واضع نوشته شود

Series of

12, 5

$$a = \frac{m-12}{4} \quad -\frac{1}{r} = \frac{m-12}{4} \Rightarrow m-12 = -4$$

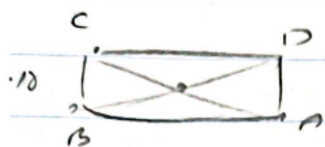
(1)



$$L = \sqrt{c^2 + (m-12)^2} = \sqrt{2a} = a$$

(2)

$$S = a^2 = 2a$$



$$-1 = \frac{m-12}{4} \Rightarrow m-12 = -4$$

(3)

$$c = m - 12 = 4 \Rightarrow m = 16 \Rightarrow c = 4$$

(4)

$$m-1 = y-2 \Rightarrow m+2 = y$$

$$y = -90 - 1 + 2 = -89$$

$$M_{AB} = M_{CD} \Rightarrow \frac{-12}{r} = \frac{-12}{r_{AB}} \Rightarrow r = \frac{12}{r}$$

$$M_{AB} \times M_{CD} = -1 \Rightarrow y = -1$$

$$|AB| = 10, |BC| = \frac{a}{r} \quad r(a + \frac{a}{r}) = 1a$$

$$\tan \alpha = \sqrt{12} = a$$

$$\frac{-12}{m-1} = \sqrt{12} \Rightarrow 12(m-1) = -12 \Rightarrow m-1 = -1 \Rightarrow m = 0$$

(5)

$$|m - m'| = \frac{\sqrt{2}}{c} + \sqrt{2} = \frac{2\sqrt{2}}{c}$$

$$(m+c)/\frac{1}{r} \quad (m-1)/\frac{1}{r} \quad \begin{cases} m = \sqrt{2} \\ m' = -\sqrt{2} \end{cases}$$

(6)

$$A \in \text{line} \quad B \in \text{line} \quad a = \frac{1}{2} = c$$

$$y = c \cdot x - c$$

(7)

$$y = c \cdot x - c$$

$$L = \frac{1101}{\sqrt{2}} = 770.7$$

$$B \in \text{line} \Rightarrow 2y - 4x = -19$$

$$(4 + 2m \leq 11) \Rightarrow -2y - 2x = -15 \Rightarrow \begin{cases} 11x \leq -15 \\ 11x \geq -15 \end{cases}$$

(8)

$$y + 4 = 1 \Rightarrow y = -3 \Rightarrow m = 1 \quad (c, 1)$$

$$A \in \text{line} \Rightarrow$$

$$L = \frac{|2a1 - 2a2 - 11|}{2} = \frac{22}{2} = 11$$

(9)

جواب

$$\sin \alpha = a$$

$$\tan \alpha = \frac{a}{4-a}$$

$$\tan \alpha = \frac{\frac{r}{2} - a}{a}$$

$$\frac{a}{(4-a)} = \frac{(\frac{r}{2} - a)}{a} \rightarrow a^2 = (a-4)(a-\frac{r}{2})$$

$$a^2 = a^2 - \frac{r}{2}a + 4a \rightarrow 4a = \frac{r}{2}a \rightarrow a = \frac{r}{8}$$

$$r = a + r = \frac{r}{2} + r$$

$$a + m = 4 - 1$$

$$4 - m = 1$$

$$\left\{ \begin{array}{l} a = \frac{1}{1} = 1 \neq \frac{4-1}{1} \end{array} \right.$$

$$a^2 = 1 \rightarrow a = 1$$

$$a = 1 \rightarrow 4 - m = 0$$

$$4 - m = 1$$

$$a = 1 \rightarrow \frac{1}{1} = \frac{1}{1} = 1$$

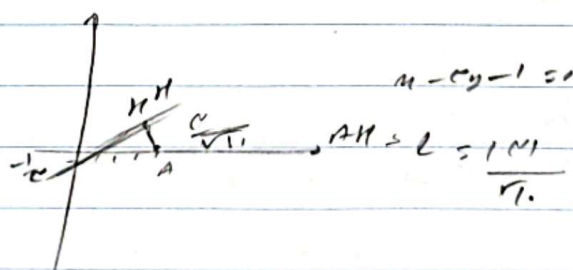


$$10 = \frac{1}{1} = m \rightarrow \frac{1}{1} = m \Rightarrow \frac{1}{1} = m \Rightarrow \frac{1}{1} = m$$

$$a = 1 \rightarrow 4 - m = 0$$

$$4 - m = 1$$

أو قد يكون (1,0) أو (0,1)



$$m - cy - 1 = 0$$

$$AH = 1 = \frac{1}{\sqrt{1}}$$

$$m - cy = 1 \rightarrow a = \frac{1}{-c} = \frac{1}{c}$$

$$y = \frac{1}{c}x - \frac{1}{c} \quad y = -cx + 1$$

$$H = (\frac{1}{2}, \frac{1}{2})$$

$$cy = m - 1 \rightarrow ay = m - 1$$

$$AB^2 = AH^2 + BH^2 \rightarrow r^2 = \left(\frac{r}{\sqrt{1}}\right)^2 + BH^2 \rightarrow BH = \frac{9}{\sqrt{1}}$$

REEF GROUP

$$S = \frac{1}{\sqrt{1}} \times \frac{9}{\sqrt{1}} \times \frac{1}{1} = \frac{9}{1}$$

$$ay = +9 \rightarrow y = \frac{9}{a} = \frac{19}{0}$$

Original

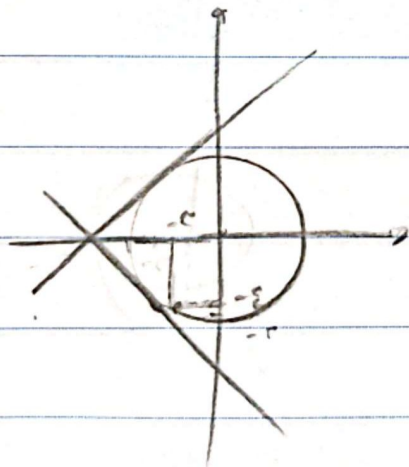
$$a = \frac{b-a}{\frac{1}{2} + \frac{1}{2}} = -\frac{1}{2} (b-a) \leq r \rightarrow b-a \leq -4r$$

$$m_D = 4(b-a) = \sqrt{\mu} (9)$$

$$\mu \text{ چو } = \sqrt{\frac{\mu}{\mu_4} + \frac{1}{\mu_4}} = \frac{1}{\mu}$$

$$\mu \text{ چو } = \frac{\sqrt{\mu}}{\mu}$$

$$L = a = \sqrt{\left(-\frac{1}{2} + \frac{1}{2}\right)^2 + (b-a)^2} = \sqrt{\frac{1}{4} + \mu^2 \times \mu}$$



$$L: y = \frac{r}{\mu}x + k$$

$$OA = a \quad OL = \frac{\mu}{a}k = a \rightarrow k = \frac{ra}{\mu}$$

$$\frac{ra}{\mu} = \frac{-1ra}{1r} \rightarrow a = -r \quad y_B = -1$$

$$- \sqrt{x-1} = V$$