

$B = \begin{pmatrix} 2 \\ 1 \end{pmatrix}$
 $A = \begin{pmatrix} 2 \\ 4 \end{pmatrix}$

$\left\{ \begin{array}{l} \frac{1}{2}n + b = 1 \\ \frac{1}{2}n + b = 1 \\ -b = \frac{4}{3} \end{array} \right\} \rightarrow \frac{1}{2}n + \frac{4}{3} = 1$

$a = \frac{1 - (-4)}{2 - 2} = -v$

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$A = \begin{pmatrix} 2 \\ 1 \end{pmatrix}$

$\Delta - 2 = 3 \rightarrow \text{جواب آفر}$

$\frac{1 - 2 + \frac{5}{2} - 1}{\sqrt{\frac{16}{9} + \frac{1}{4}}} = \frac{1}{\frac{1}{2}}$

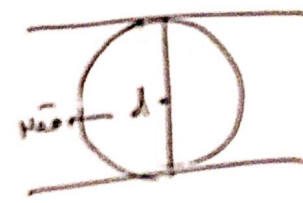
$\frac{2}{3} + b = 3 \rightarrow b = \frac{5}{3}$

$\frac{2}{3}n + \frac{5}{3} - y = 0$

$B(-\frac{2}{3})$

$C(-1, 2) \rightarrow \frac{2 - 2}{-2 + 1} = \frac{4}{-1} \rightarrow \text{ob } BC = \sqrt{4 + 12} = 4$

(۳)



$ry - n = 1 \rightarrow ry - 2m = 1$

$ry - 2m = 2$

$ry - 2m = 2 \rightarrow n = 2$

$d = \frac{12}{\sqrt{20}} \rightarrow r = \frac{6}{\sqrt{20}}$

$S' = \frac{12}{r_0}$

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$C = \begin{pmatrix} -1 \\ -2 \end{pmatrix}$

$n = 2 \rightarrow m - 2 = -n + 2 \rightarrow m = 4$

$m = 3/5$

$A = \begin{pmatrix} 2 \\ 1 \end{pmatrix}$

$B = \begin{pmatrix} 2 \\ 1 \end{pmatrix}$

$m = \begin{pmatrix} 2 \\ 1 \end{pmatrix}$

$\frac{1 - 2}{2 - 1} = -1$

$MH = \sqrt{\frac{1}{2} + \frac{1}{2}}$

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$(rm - 2)m + (2 - m)y - v = 0 \rightarrow \frac{(rm - 2)}{(2 - m)} \cdot \frac{m + 1}{(rm - 2)} = 1$

$(m + 1)n - (2m - 2)y + 1 = 0$

$rm + 2m - 2 = 10m - 2m - 2 + 2$

$\Delta m^2 - 12m + 11 = 0 \rightarrow \Delta < 0$

$(rm - 2)(2 - m)$

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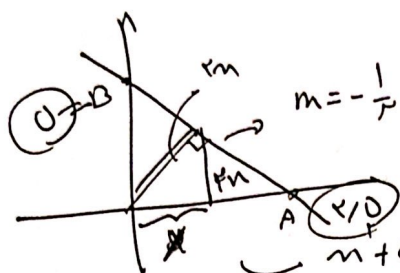
$$\begin{aligned} AB &= x+ry = r \\ AC &= y-rx = -1 \\ BC &= x+y = r \end{aligned}$$

$$x+ry - r = y-rx+1$$

$$x+ry - r = x+y - r \rightarrow y = -1$$

$$y-rx+1 = x+y-r \rightarrow -rm = -\Delta \rightarrow m = \frac{\Delta}{r}$$

$$AB = \sqrt{r^2 \Delta^2 + 9/r^2} = r \Delta \sqrt{\frac{\Delta}{r}}$$



$$m = -\frac{1}{r} \rightarrow -\frac{1}{r}n + B = r$$

$$\rightarrow -1 + B = r \rightarrow B = 0$$

$$-\frac{1}{r}n + \Delta = 0 \rightarrow n = r\Delta$$

$$n + \epsilon m r = r \rightarrow n = r$$

$$A = r, 0$$

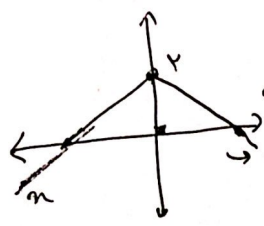
$$AB = \sqrt{r^2 \Delta^2 + 9/r^2}$$

$$mg - rx - rm = y + m(x-r) \rightarrow m = 1$$

$$x = 0, y = r$$

$$S_D = \frac{m - m_0}{r(m-1)} \rightarrow r \frac{1}{r} = \frac{\Delta}{r}$$

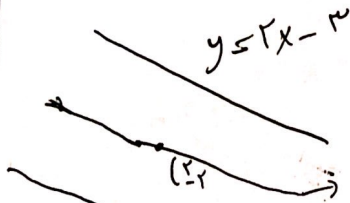
$$m = r, m + r m - 1 = 0 \rightarrow \frac{r}{\Delta} = -1$$



$$\frac{n + \Delta}{r} = \frac{\Delta}{r}$$

$$n(m-1) - r + \frac{\Delta}{r} = -rm - rm$$

$$\left(\frac{1}{r}\right)$$

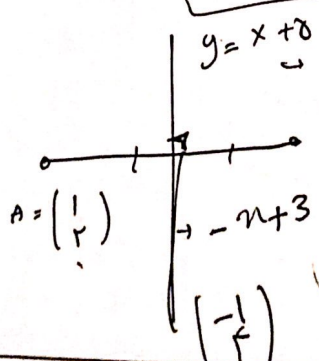


$$y - rx = \frac{b-r}{r} = -4$$

$$y - r = -4 \rightarrow b - r = -4$$

$$\rightarrow b = -4$$

$$y = rx + b \rightarrow y = rx - 4$$



$$n + \Delta = -n + r$$

$$\rightarrow rn = -r \rightarrow n = -1$$

$$\begin{pmatrix} -r \\ 4 \end{pmatrix}$$

$$rx - (-r) = 1 \Delta$$

$$m = -\frac{1}{r} \rightarrow ry + n - r = 0$$

$$\frac{|rc|}{\sqrt{\Delta}} = \sqrt{r} \rightarrow C = \pm \Delta$$

$$C = \Delta \rightarrow AB = \sqrt{r\Delta}$$

$$C = -\Delta \rightarrow AB = \sqrt{r\Delta}$$