

باز هم پسر B

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$$B \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} A \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} \rightarrow m = \frac{\Delta y}{\Delta x} \rightarrow \frac{1-2}{-1-1} = -1 \rightarrow y-1 = -1(x-1) \rightarrow y = -x+2$$

$$-1 \rightarrow \frac{1}{-1} \rightarrow \frac{1+1}{-1} = -2 \quad \frac{1-2}{-1-1} = -1 \rightarrow (1, -1) \rightarrow y-1 = \frac{1}{-1}(x-1) \rightarrow y = \frac{x}{-1} + \frac{1}{-1} \rightarrow \boxed{y-x = -1}$$

$$A \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} B \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} C \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} \rightarrow m = \frac{\Delta y}{\Delta x} = \frac{1-2}{-1-1} = -1 \rightarrow y-1 = -1(x-1) \rightarrow y = -x+2$$

$$B \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} C \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} D \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} \rightarrow \frac{1-2}{-1-1} = -1 \rightarrow y-1 = -1(x-1) \rightarrow y = -x+2$$

$$2y-x=1 \quad 2y-x=1 \quad u=1$$

$$4y-2x=2 \quad 4y-2x=2 \quad u=2$$

$$m = \frac{\Delta y}{\Delta x} = \frac{1-2}{-1-1} = -1 \rightarrow y-1 = -1(x-1) \rightarrow y = -x+2$$

$$A \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} B \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} C \begin{vmatrix} 1 & 2 \\ 1 & 1 \end{vmatrix} \rightarrow m = \frac{\Delta y}{\Delta x} = \frac{1-2}{-1-1} = -1 \rightarrow y-1 = -1(x-1) \rightarrow y = -x+2$$

$$C \rightarrow y+1 = \frac{1}{-1}(x+1) \rightarrow y = -\frac{1}{-1}x - \frac{1}{-1} \rightarrow y = x+1$$

$$(m+1)x - (m-1)y + 1 = 0 \quad (1m-1)x + (d-m)y - v = 0$$

$$-\frac{a}{b} = \frac{m+1}{m-1} \quad -\frac{a}{b} = \frac{m+1}{m-1} \rightarrow \frac{m+1}{m-1} \times \frac{m-1}{m-1} = -1 \rightarrow \frac{m^2-1}{m^2-1} = 1$$

$$\begin{cases} AB = x+y = 1 \\ AC = y = x-1 \\ BC = x+y = 2 \end{cases} \quad \frac{AM}{AH} = ? \quad \begin{cases} x+y = 1 \\ y = x-1 \end{cases} \rightarrow x+x-1 = 1 \rightarrow x = 1 \rightarrow y = 0$$

$$\begin{cases} x+y = 1 \\ x+y = 2 \end{cases} \rightarrow x+x = 1 \rightarrow x = \frac{1}{2} \rightarrow y = \frac{1}{2}$$

$$m = -\frac{1}{2} \quad y = -\frac{1}{2}x + 6 \quad a/6 \quad b/26$$

جواب آخر $\sqrt{128}$

$$0 = -\frac{1}{2}x + 6 \rightarrow x = 12 \quad y + \frac{1}{2}x - 6 = 0$$

$$\frac{|1(0) + \frac{1}{2}(0) - 6|}{\sqrt{\frac{1}{4} + 1}} = \frac{6}{\sqrt{\frac{5}{4}}} = \frac{12}{\sqrt{5}} = \sqrt{20}$$

$$\hookrightarrow \frac{|6|}{\sqrt{5}} = \sqrt{20} = 2\sqrt{5} \rightarrow \frac{|6'|}{\sqrt{5}} = \sqrt{5} \rightarrow |6'| = 5 \rightarrow a/5 \quad b/10$$

$$m y - \epsilon x = 2m \quad y + mx = u + 2 \quad S = \frac{d}{2}$$

$$y = \frac{\epsilon}{m}x + 2 \quad y = (1-m)x + 2$$

$$y=0$$

$$y=0$$

$$0 = \frac{\epsilon}{m}x + 2 \rightarrow x = -\frac{2m}{\epsilon} \quad 0 = (1-m)x + 2 \rightarrow x = -\frac{2}{1-m}$$

$$0 = (1-m)x + 2 \rightarrow x = -\frac{2}{1-m}$$

$$\hookrightarrow x(\frac{\epsilon}{m} - 1 + m) = 0$$

$$\hookrightarrow x=0 \quad \frac{\epsilon}{m} - 1 + m = 0 \rightarrow m^2 - m + \epsilon = 0$$

$$\hookrightarrow \frac{m}{\epsilon} - \frac{2}{1-m} = \frac{d}{2} \rightarrow m = \frac{\epsilon}{2} \quad \hookrightarrow y = 2 \quad y = 4$$

$$\hookrightarrow \frac{m}{\epsilon} - \frac{2}{1-m} = -\frac{d}{2} \rightarrow m = \frac{\epsilon}{2} \rightarrow -m^2 - \epsilon m + d = \epsilon \rightarrow m^2 + 2m - 1 = 0$$

$$y = 2x - 2 \quad M(5, 2)$$

اینکه کاری دل من نیست

$$2x \leq 4$$

$$\rightarrow a/0 \quad b/1$$

$$2x \leq 4$$

$$2(2) - 0 = \epsilon \quad 2(-2) - (-3) = -1 \quad \rightarrow \begin{cases} \epsilon \\ -1 \end{cases}$$

$$2(2) - 1 = 3$$

$$2(-2) - (-1) = -3 \rightarrow \begin{cases} 3 \\ -3 \end{cases}$$

$$\rightarrow \frac{\Delta y}{\Delta x} = \frac{-3+1}{2-2} = 2 \rightarrow y+1 = 2(x-2)$$

$$\rightarrow y = 2x + 9$$

$$A/1$$

$$y = x + 8 \quad A'/6 \quad 26-a = ?$$

$$A'/6$$

$$y = x + 8$$

$$M = \begin{pmatrix} \frac{1+a}{2} \\ \frac{2+b}{2} \end{pmatrix}$$

$$\rightarrow \frac{2+b}{2} = \frac{1+a}{2} + 8 \rightarrow \frac{2+b}{2} = \frac{1+a}{2} \rightarrow b = a + 9$$

$$m AA' = -1$$

$$\frac{2-b}{1-a} = -1 \rightarrow 2-b = 1-a \rightarrow b = -a + 1$$

$$\begin{cases} b = 3-a \\ b = a+9 \end{cases}$$

$$2b = 12 \rightarrow b = 6 \rightarrow a = -3 \quad 2b-a = 2(6) - (-3) = 15$$