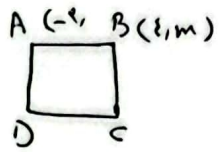


C (مركز)

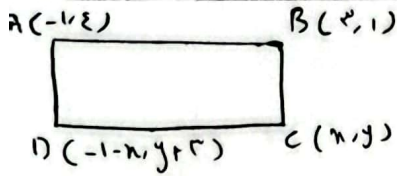
17 9/10

نمبر 0



$$m_{AB} = \frac{1-1}{1-(-1)} = -\frac{1}{2} \rightarrow m-k = -\frac{1}{2}$$

$$AB = \sqrt{(1-(-1))^2 + (1-1)^2} = \sqrt{4} = 2 \quad \text{و } AC = \sqrt{(1-(-1))^2 + (1-(-1))^2} = \sqrt{8} = 2\sqrt{2}$$



$$m_A + m_C = 2m_B + 2m_D \rightarrow -1 + 1 = -1 + 1 \rightarrow 0 = 0$$

$$m_{AB} = \frac{1-1}{1-(-1)} = -\frac{1}{2} \rightarrow m_{AB} \cdot m_{BC} = -1 \rightarrow -\frac{1}{2} \cdot m_{BC} = -1 \rightarrow m_{BC} = 2$$

$$AB = \sqrt{1+1} = \sqrt{2} = \Delta \quad BC = \sqrt{1+4} = \sqrt{5} = \Delta \rightarrow \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{5}} \rightarrow \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{5}}$$

$$ym + (m^2 - 1)y = 2 \rightarrow y = \frac{-2m}{m^2 - 1} \quad x = \frac{-2m}{m^2 - 1} \quad x = \tan \theta \cdot \sqrt{2} \rightarrow \sqrt{2} = \frac{-2m}{m^2 - 1} \rightarrow \sqrt{2}m^2 - 2m = 0$$

$$m_{BC} = \frac{1-1}{1-(-1)} = -\frac{1}{2} \rightarrow y = 2x + b \rightarrow 1 = 2 + b \rightarrow b = -1 \quad \text{و } y = 2x - 1$$

$$AB = \sqrt{1+1} = \sqrt{2} = \Delta$$

$$AB = y + 2x = 1 \rightarrow y = -2x + 1 \quad AC = \{y - 2x = 1\} \rightarrow y - 2x - 1 = 0 \quad BC = y - 2x + 1 = 0$$

$$B \rightarrow -2x + 1 = \frac{y}{2} \rightarrow y = 2 - 4x \rightarrow y = 2 - 4x$$

$$BH = \sqrt{1+4} = \sqrt{5} = \Delta \quad \frac{1}{\sqrt{5}} = \frac{2}{\sqrt{5}} \rightarrow \frac{1}{\sqrt{5}} = \frac{2}{\sqrt{5}} \rightarrow \frac{1}{\sqrt{5}} = \frac{2}{\sqrt{5}}$$

$$y = ax + b \rightarrow y = 2x - 1 \rightarrow y = 2x - 1 \rightarrow y = 2x - 1$$

$$y = 2x - 1 \rightarrow y = 2x - 1 \rightarrow y = 2x - 1$$

$$a = \frac{2}{\sqrt{5}} \rightarrow \frac{2}{\sqrt{5}} = \frac{2}{\sqrt{5}}$$

