

W = 1

1/2

6

$$y = -\frac{1}{p}x + b \quad \begin{matrix} \xrightarrow{x=1} & -1+b=m \\ \xrightarrow{x=-1} & 1+b=k \end{matrix}$$

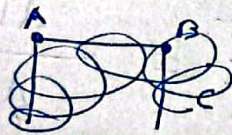
$$B \text{ and } G \Rightarrow \sqrt{(k-m)^2 + 1} = \sqrt{(1+b+p-b)^2 + 1} = \sqrt{p^2 + 1}$$

$$S = \sqrt{p^2 + 1} = p$$

$$M_{AB} = \frac{k-1}{-1-p} = \frac{2}{-1-p} \rightarrow |AB| = \sqrt{p^2 + 1}$$

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

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



$$|BC| = \sqrt{\left(\frac{1}{2} - \frac{1}{2}\right)^2 + \left(1 - \frac{1}{2}\right)^2} = \frac{1}{2}$$

مستقيم

$$= p \left(\frac{1}{2} + \frac{1}{2} \right) = p$$

$$y = 1$$

$$\frac{-pm}{(m^2-1)} = \tan 45^\circ = \sqrt{p} \rightarrow -pm = \sqrt{p}(m^2-1)$$

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

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

$$m = \frac{-1}{\sqrt{p}} \pm \sqrt{1 + \frac{1}{p}}$$

$$\frac{1}{\sqrt{p}} \pm \sqrt{1 + \frac{1}{p}} = \frac{1}{\sqrt{p}} \pm \frac{\sqrt{p+1}}{\sqrt{p}} = \frac{1 \pm \sqrt{p+1}}{\sqrt{p}}$$

$$\begin{matrix} \cdot A \\ \cdot B \end{matrix} \sim BC \Rightarrow \frac{11-17}{\sqrt{-10}} = 1 \rightarrow 1x-17 = y$$

$$AH \rightarrow A(199) \text{ no 6}$$

$$\Rightarrow \frac{17(61)(9)_{17-17}}{\sqrt{10}} =$$

$$\frac{10}{\sqrt{10}} = \sqrt{10}$$

$$BC \rightarrow 17y - 17x + 19x \rightarrow 17y - 17x + 19 = 0$$

$$AB \rightarrow y + 17x - 17 \rightarrow -17y - 17x + 17 = 0$$

$$-11x + 17 = 17 \rightarrow x = 0 \rightarrow y = 17$$

$$AC = 17y - 17x - 17 = 0$$

$$(17, 1) \rightarrow \frac{17(17) + 17(1) - 17}{\sqrt{17+17}} = \frac{17}{\sqrt{2}}$$

$$y = ax + b \quad x = \frac{17}{\sqrt{2}} \quad y = -$$

$$-\frac{17}{\sqrt{2}} a = 17 \rightarrow a = -1 \rightarrow y = -1x - 6$$

$$y = x \rightarrow x = -1x - 6 \rightarrow 2x = -6 \rightarrow x = -3 \rightarrow y = -3$$



$$\sqrt{\frac{17}{2}} = x = \sqrt{\frac{17}{2}} = \frac{17}{\sqrt{2}}$$

$$y = ax + 1$$

$$17y = x + a - 1 \rightarrow \frac{17}{a} = 1 \rightarrow a = 17$$

$$\rightarrow y = x + 1 \rightarrow y = x$$

$$x = \frac{17}{\sqrt{2}} \rightarrow x = \sqrt{\frac{17}{2}}$$

$$\frac{17}{\sqrt{2}} = \frac{17}{\sqrt{2}}$$

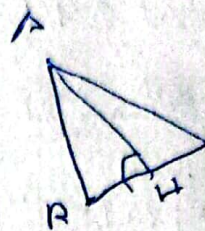
$$x = \sqrt{\frac{17}{2}}$$

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$$\frac{17}{\sqrt{2}}$$

$$A H = \frac{|1(4) + (-3)(0) - 1|}{\sqrt{1+9}} = \frac{4}{\sqrt{10}} = \frac{2\sqrt{10}}{5}$$

$$S = \frac{\frac{3\sqrt{10}}{10} \times \frac{9\sqrt{10}}{10}}{\frac{1}{2}} = \frac{27}{2} = 13.5$$

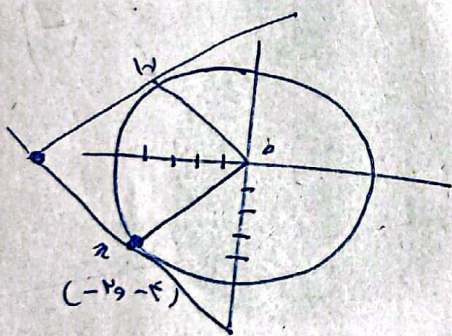


$$B C \Rightarrow 9 - \frac{9}{10} = \frac{81}{10} = B C^2 \rightarrow B C = \frac{9}{\sqrt{10}}$$

$$\frac{a-b}{-\frac{1}{9} - (-\frac{1}{9})} = \sqrt{10} \Rightarrow a-b = \frac{\sqrt{10}}{9}$$

$$\sqrt{(a-b)^2 + (-\frac{1}{9})^2} = \sqrt{\frac{10}{81} + \frac{1}{81}} = \frac{1}{9} = \frac{1}{2}$$

$$\Rightarrow \sqrt{10} \times \frac{1}{9} = \frac{\sqrt{10}}{9}$$



$$O H \Rightarrow \sqrt{(-2)^2 + (-4)^2} = \sqrt{20} = 2\sqrt{5}$$

$$O H = O H' = 2\sqrt{5}$$

$$O H \Rightarrow \frac{1}{2} \times \frac{1}{2} = \frac{1}{4} \Rightarrow \frac{1}{4} = \frac{1}{4} \Rightarrow \frac{1}{4} = \frac{1}{4}$$