

نام و نام خانوادگی: محمد... روحانی ... پاسخنامه تشریحی تکلیف شماره 17 کلاس 12م ...

$$m_{AB}: \frac{k-m}{-2-4}, \frac{-1}{2} \rightarrow \boxed{k-m-3}$$

$$\overline{AB}: \sqrt{(4-2)^2 + (m-k)^2}, \sqrt{36+9}, \sqrt{45} \rightarrow \text{ضلع مربع} \rightarrow \sqrt{45}, 45, \boxed{45}$$

$$\tan 60^\circ, \sqrt{3} \rightarrow y, \frac{-2m}{m^2+1}x+3 \rightarrow \frac{-2m}{m^2+1}, \sqrt{3}$$

$$\sqrt{3}m^2 - \sqrt{3} - 2m \rightarrow \sqrt{3}m^2 + 2m - \sqrt{3} = 0 \rightarrow \Delta = 16 \rightarrow \frac{-2 \pm 4}{2\sqrt{3}} \rightarrow$$

$$\frac{\sqrt{3}}{3}, -\sqrt{3} \rightarrow \left| \frac{\sqrt{3}}{3} + \sqrt{3} \right|, \boxed{\frac{4\sqrt{3}}{3}}$$

$$\overline{AB}: \sqrt{4^2 + 3^2}, (5) \rightarrow m_{AB}: \frac{4-1}{-1-3}, \frac{-3}{4} = m_{CD}: \frac{y-2-3}{2x+1}$$

$$\rightarrow x = 1/5 \rightarrow m_{CB}: \frac{4}{3}, \frac{1-2}{3-1/5} \rightarrow y = -1$$

$$\overline{CB}: \sqrt{(1/5)^2 + 2^2}, 2/5 \rightarrow \text{مربعی} \rightarrow 10+5, \boxed{15}$$

$$m_{CB} = \frac{3-11}{3-7}, 2 \rightarrow y, 2x-3 \rightarrow \overline{AH}: \overline{BC}: A$$

$$\overline{AH} = \boxed{2\sqrt{5}}, \frac{|9-2+3|}{\sqrt{1+4}}$$

$$\overline{BC}: y, 3/5x - 9/5, \overline{AB}: y, -2x+7$$

$$3/5x - 9/5 = -2x+7 \rightarrow x = 3, y = 1 \rightarrow B(3,1)$$

$$\overline{BH}: \frac{|4-9-17|}{\sqrt{16+9}}, \boxed{4/4}$$

مرجع: ۵-۸۹-۲۲
 باش با خط تاس دارد در خط
 ۲=۹ نیز هست:

$$D(-\frac{2}{3}, -\frac{2}{3}) \rightarrow OD = \sqrt{(\frac{2}{3})^2 + (\frac{2}{3})^2} = \frac{2\sqrt{2}}{3}$$

$$y_2 = a_{x+1}/y, \frac{y}{a} + 1 - \frac{1}{a} \xrightarrow{+} a, \frac{1}{a} - a, 1, -1$$

عرض $\frac{1}{\sqrt{2}}$ فاصله $y_0 - y_1$ و $y_1 - y_2 \rightarrow y_0 - y_1 + y_1 - y_2 = y_0 - y_2$

حل: $25 - \frac{1}{2} \cdot \frac{49}{2} = \frac{7}{\sqrt{2}}$ $\rightarrow \frac{7}{2} = 3.5$

دتر: $4-1, 3$
 ضلع دیگر: $\frac{3\sqrt{10}}{10}$
 مکراس $\beta(1,0)$ $\alpha=1$ $\alpha=3, 1$
 بیلت $\frac{3\sqrt{10}}{10}$ $\frac{3}{\sqrt{10}}$ $\frac{|4-1|}{\sqrt{10}}$
 مائست

نسباً
 $9 \cdot 0/9, 8/1 \rightarrow \sqrt{8/1} \cdot \frac{9}{\sqrt{10}} \xrightarrow{\text{نسباً}} \frac{9}{\sqrt{10}} \cdot \frac{3}{\sqrt{10}} \rightarrow 1/35$

$$\text{شِب} \rightarrow \frac{a-b}{-\frac{1}{2} + \frac{1}{3}} \cdot \sqrt{3} \rightarrow a-b \cdot \frac{\sqrt{3}}{6}$$

$\sqrt{\left(\frac{1}{3} + \frac{1}{2}\right)^2 + (b-a)^2}$, $\sqrt{\frac{1}{36} + \frac{3}{36}} = \frac{2}{6} = \frac{1}{3} \rightarrow$ طول سطح مخرج $\rightarrow$
 $\frac{2}{6}$  $\sqrt{\frac{4}{36} + \frac{4}{36}} = \frac{\sqrt{2}}{3}$

$$\sqrt{9+16} = 5 = \text{سابع} \quad \frac{\text{معدل ذواته}}{2} = \frac{4}{3} \quad \frac{\text{سابع}}{\text{معدل ذواته}} = \frac{5}{\frac{4}{3}} = \frac{-3}{4}$$

$$\rightarrow y+4 = -\frac{3}{4}(x+3) \rightarrow 3x+4y = 25 \quad (-4 \cdot 3)$$

$$\rightarrow x-3, \frac{4}{3}(x+4), 4x-3y, -25 \xrightarrow{\text{مجموعه}} \begin{cases} x-7, y-1 \\ -7x-1, 7 \end{cases}$$