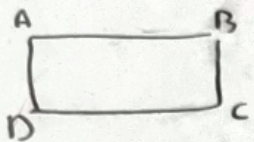


۲۰

$$\frac{k-m}{-r-\varepsilon} = \frac{k-m}{-4} \cdot -\frac{1}{r} \rightarrow rk - rm, 4 \rightarrow k-m = r \rightarrow \sqrt{(k-m)^2 + (-4)^2} = \sqrt{9+16} = \sqrt{25} = 5$$

$$r\sqrt{5} \rightarrow r\sqrt{5} \times r\sqrt{5} = r^2 \cdot 5$$

(۲)



$$-1+k = r+(-1)-k \rightarrow -1+k = r-k \rightarrow rk, r \rightarrow k = \frac{r}{r}$$

$$r+y = 1+y+r \rightarrow y = 0 \quad AB = \sqrt{14+9} = \sqrt{25} = 5$$

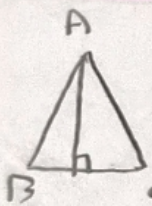
$$C = (\frac{r}{r}, 0) \rightarrow CB = \sqrt{\frac{9}{\varepsilon^2} + r^2} = \frac{3}{r} \rightarrow r(\frac{3}{r} + \omega) = 5$$

(۲)

$$\tan \theta = \sqrt{r} \quad \frac{-rm}{m^2-1} = \sqrt{r} \quad \sqrt{r}m^2 = \sqrt{r}, -rm \rightarrow \sqrt{r}m^2 + rm = \sqrt{r}$$

$$\Delta = r+1r = 14 \rightarrow \frac{-r+\varepsilon}{+r\sqrt{r}} = \frac{r}{r\sqrt{r}} = \frac{1}{\sqrt{r}} \quad \frac{-r-\varepsilon}{r\sqrt{r}} = \frac{-9}{r\sqrt{r}} \cdot -\frac{r}{\sqrt{r}} \rightarrow \frac{1}{\sqrt{r}} + \frac{r}{\sqrt{r}} = \frac{r+1}{\sqrt{r}} = \frac{15}{\sqrt{r}}$$

(۲)



$$m_{BC} = \frac{r-11}{r-v} = \frac{-1}{-\varepsilon} = r \rightarrow y-r = r(k-r) \rightarrow y = rk - r^2 \rightarrow y = rk + \varepsilon$$

$$d = \frac{|-r+9+r|}{\sqrt{1+\varepsilon}} = \frac{10}{\sqrt{5}} = \sqrt{20}$$

(۲)

$$y + rk = v$$

$$ry - rk = 14$$

$$y + rk, v \rightarrow ry + \varepsilon k = 14$$

$$-ry + vk = 14$$

$$11k, 14r \rightarrow k, r \rightarrow y, v \rightarrow B(13, 1)$$

(۲)

$$k = \frac{m_{BC} - \frac{11-10}{v-1}}{v-1} = \frac{r-11}{r-v} = \frac{-1}{-\varepsilon} = r$$

$$d = \frac{|-r+9+r|}{\sqrt{9+14}} = \frac{10}{\sqrt{23}} = \sqrt{\frac{100}{23}}$$

$$y = \frac{10}{2} = 5 + \frac{10}{2} = 10$$

$$A = (3-4) \rightarrow \frac{3+4}{-\frac{10}{\varepsilon}} = \frac{4}{-\frac{10}{\varepsilon}} = -\frac{4\varepsilon}{10} = -\frac{2\varepsilon}{5}$$

$$y + 4 = -\lambda(u) \rightarrow y = -\lambda u - 4 \xrightarrow{-u} -u = +\lambda u - 4, 4 = 9u \rightarrow u = \frac{4}{9}$$

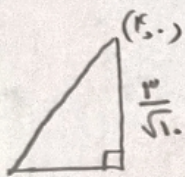
$$y + \lambda u + 4 = 0 \quad \text{نقطه: } \frac{4\sqrt{2}}{9}$$

$$\frac{+1}{+a} = \frac{a}{1} \neq \frac{a-1}{1} \rightarrow a^2 = 1 \rightarrow a = \pm 1 \xrightarrow{a=1} y - u = 1 \rightarrow r - 1 = 1 \vee$$

$$y - u = 0$$

$$d. \frac{1-1+r}{\sqrt{r}} = \frac{1}{\sqrt{r}} \rightarrow \frac{\sqrt{r}}{r} \rightarrow r\omega - \frac{r}{r} = r\varepsilon \frac{1}{r} = \frac{r\varepsilon}{r} \rightarrow \text{جاب: } \frac{V}{\sqrt{r}}$$

مسئله $\frac{\sqrt{r}}{r} \times \frac{V}{\sqrt{r}} = \sqrt{r, 0}$

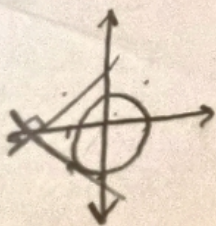


$$\frac{r}{\sqrt{10}} \rightarrow d. \frac{|r-1|}{\sqrt{10}} = \frac{r}{\sqrt{10}}$$

$$u = \sqrt{9 - \frac{9}{10}}, \sqrt{\frac{41}{10}}, \frac{9}{\sqrt{10}} \rightarrow 5, \frac{1}{r} \times \frac{r}{\sqrt{10}} \times \frac{9}{\sqrt{10}} = \frac{r}{r} \sqrt{\frac{41}{10}}$$

$$\frac{a-b}{-\frac{1}{r} + \frac{1}{r}} = \sqrt{r} \rightarrow \frac{a-b}{-\frac{1}{4}} = \sqrt{r} \rightarrow 4(a-b) = \sqrt{r} \rightarrow (a-b) = \frac{\sqrt{r}}{4}$$

$$\sqrt{\frac{r}{r^4} + \frac{1}{r^4}}, \sqrt{\frac{\varepsilon}{r^4}}, \frac{r}{4} = \frac{1}{r} \rightarrow \text{نقطه: } \frac{\sqrt{r}}{r}$$



$$\frac{-\varepsilon}{-r}, \frac{\varepsilon}{r} \rightarrow m_{\text{خط}} \rightarrow -\frac{r}{\varepsilon} \rightarrow y + \varepsilon = -\frac{r}{\varepsilon}(u + r)$$

$$-\frac{r}{\varepsilon}u = \frac{9}{\varepsilon}$$

$$y = -\frac{r}{\varepsilon}u - \frac{10}{\varepsilon} \rightarrow ry = -ru + 10$$

$$m \log F_{\text{eff}} = \frac{r}{r} \rightarrow -\epsilon u + r_y + c = 0 \rightarrow d \cdot \frac{|r\omega|}{\omega} = \omega \rightarrow |r\omega| = c \rightarrow$$

$$\text{pressure} \rightarrow c \cdot r_0 \rightarrow +r_y - \epsilon u = -r_0$$

$$r_y + r_u = +r_0$$

$$u = -\frac{|r\omega|}{r_0} - v \quad y = \frac{-r_0}{r_0} = -1$$

$$\boxed{(-v, -1)} \rightarrow -vx - 1, v$$