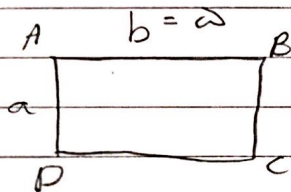


$A(-r, k) \quad B(\varepsilon, m) \quad a = \frac{-1}{r} \quad -1$

$a = \frac{m-k}{\varepsilon-(-r)} = \frac{-1}{r} \Rightarrow m-k = -r \Rightarrow \text{میدان} = \text{میدان}$

$\Rightarrow \text{میدان} = \sqrt{\underbrace{(\varepsilon-(-r))^2}_{r^2} + \underbrace{(m-k)^2}_q} = \sqrt{\varepsilon^2} \Rightarrow \underline{S = \varepsilon^2}$

$D(-1-n, y+r) \quad C(n, y) \quad B(r, 1) \quad A(-1, \varepsilon) \quad -r$



$\Rightarrow n_A + n_C = n_B + n_D$
 $-1 + n = r - 1 - n$

$m_{AB} = \frac{\varepsilon-1}{-1-r} = \frac{r}{-\varepsilon}$

$m_{BC} = \frac{\varepsilon}{r}$

$rn = r \Rightarrow n = \frac{r}{r}$

$b = \sqrt{\underbrace{(r-(-1))^2}_{1^2} + \underbrace{(1-\varepsilon)^2}_q} = \omega$

$\frac{\varepsilon}{r} + h = 1$

$a = \sqrt{\underbrace{(\frac{r}{r}-r)^2}_{\frac{q}{\varepsilon}} + \underbrace{(-1-1)^2}_\varepsilon} = \frac{\omega}{r}$

$\frac{\varepsilon}{r} \left(\frac{r}{r} \right) - r = -1 \Rightarrow h = -r$
 $\Rightarrow \left(\frac{r}{r} - 1 \right)$

$\Rightarrow P = r \left(\omega + \frac{\omega}{r} \right) = \boxed{1a}$

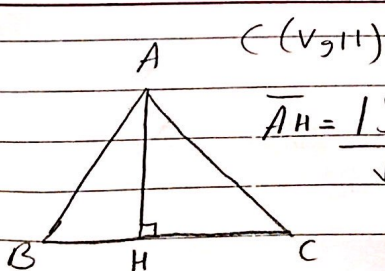
$\theta = 90^\circ$

$rmn + (m^2 - 1)y = r \quad -r$

$\tan \theta = \sqrt{r} \Rightarrow a = \sqrt{r} \Rightarrow \frac{rm}{1-m^2} = \sqrt{r}$

$\sqrt{r} - \sqrt{r}m^2 = rm$

$\sqrt{r}m^2 + rm - \sqrt{r} = 0 \Rightarrow |\alpha - \beta| = \frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{\varepsilon - \varepsilon\sqrt{r}(-\sqrt{r})}}{\sqrt{r}} = \boxed{\frac{\varepsilon}{\sqrt{r}}}$



$\overline{AH} = \frac{|y - rm + r|}{\sqrt{1+r^2}} = \frac{10}{\sqrt{a}} \times \frac{\sqrt{a}}{\sqrt{a}} = \boxed{r\sqrt{a}}$

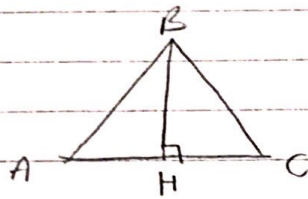
$m_{BC} = \frac{11-r}{\sqrt{r}} = \frac{1}{\varepsilon} = r$

$\overline{AH} = \text{مساحت } A \text{ و } B$

$r(r) + h = r \Rightarrow h = -r \Rightarrow y = rm - r$

$$AB: y + rn = V \quad AC: \varepsilon y - rn = 1V \quad BC: ry - vn = -19$$

$$BH = 9$$



$$y = \frac{V}{r}n - \frac{19}{r}$$

B line = AB, BC line, where

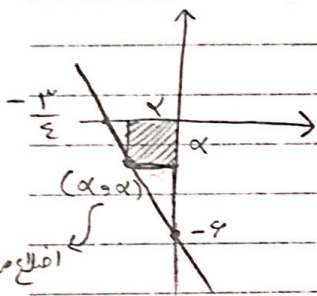
$$V - rn = \frac{V}{r}n - \frac{19}{r}$$

$$BH = \frac{| \varepsilon y - rn - 1V |}{\omega} = \frac{r}{\omega}$$

$$18 - \varepsilon n = Vn - 19$$

$$r3 = 11n \Rightarrow n = 3$$

$$B(13, 1)$$



$$y = ax - 9$$

$$-\frac{r}{\varepsilon}a - 9 = 0 \Rightarrow \frac{r}{\varepsilon}a = 9 \Rightarrow a = \frac{9}{\varepsilon} \times \frac{\varepsilon}{r} = -1$$

$$y = -1x - 9 \Rightarrow \alpha = -1\alpha - 9$$

$$9\alpha = -9 \Rightarrow \alpha = \frac{-9}{9} = -1$$

$$\Rightarrow \vec{l} = \frac{r\sqrt{r}}{3}$$

$$y - an = 1 \quad ay - n = a - 1 \Rightarrow \text{مقابل } a/r \text{ } \Rightarrow \text{مقابل } a/r \text{ } \Rightarrow \text{مقابل } a/r$$

$$\vec{l} = \omega$$

$$(1, r)$$

$$S = 9$$

$$a = \frac{1}{a} \Rightarrow a = \pm 1$$

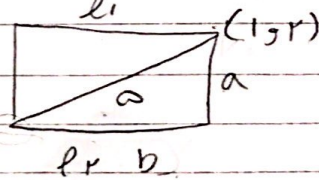
$$a = 1 \Rightarrow y = n + 1$$

$$y = n$$

$$(1, r) \text{ أس } \frac{1}{r} \text{ مرقع}$$

$$a = -1 \Rightarrow y = -n + 1$$

$$y = -n - r$$



$$a = \frac{|1 - r|}{\sqrt{r}} = \frac{1}{\sqrt{r}}$$

$$b = \frac{r}{\sqrt{r}}$$

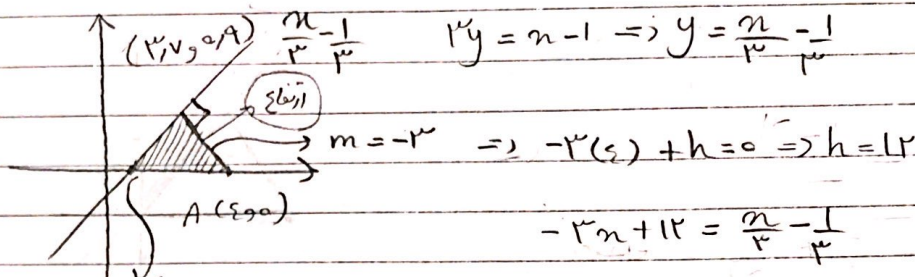
$$\Rightarrow S = \frac{1}{\sqrt{r}} \times \frac{r}{\sqrt{r}} = \frac{r}{r} = 1$$

$$\left(\frac{1}{\sqrt{r}}\right)^2 + b^2 = \omega$$

$$\frac{1}{r} + b^2 = \omega \Rightarrow b^2 = \frac{\varepsilon 9}{r} \Rightarrow b = \frac{V}{\sqrt{r}}$$

A (2,0)

$$n - 3y = 1$$



$$S_{\text{triangle}} = \frac{n}{2} - \frac{1}{2} = 0 \Rightarrow n = 1$$

$$-9n + 34 = n - 1$$

(1,0)

$$\frac{3V}{30} - \frac{10}{30} = \frac{9}{30} = 0.9$$

$$3V = 10n \Rightarrow n = 3.7V$$

$$S_{\text{triangle}} = \frac{|2-1|}{\sqrt{10}} = \frac{1}{\sqrt{10}}$$

$$0.9 = \frac{(3.7V)^2 + (0.9)^2}{2} = \sqrt{\frac{14.16}{100}} = \frac{9\sqrt{10}}{10}$$

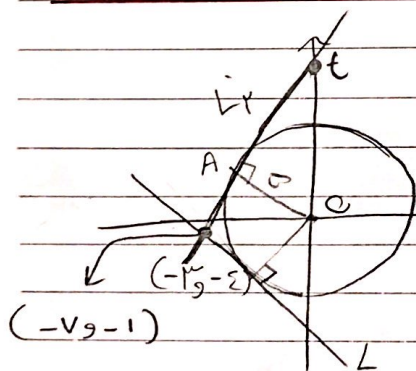
$$\Rightarrow \frac{1}{2} \times \frac{3}{\sqrt{10}} \times \frac{9\sqrt{10}}{10} = \frac{27}{20} = 1.35$$

$(-\frac{1}{3}, b)$

$(-\frac{1}{3}, a)$

$$m = \sqrt{3} \Rightarrow \frac{a-b}{-\frac{1}{3} + \frac{1}{3}} = \sqrt{3} \Rightarrow a-b = -\frac{\sqrt{3}}{3}$$

$$S_{\text{triangle}} = \frac{\frac{3}{35} + \frac{1}{35}}{2} = \frac{4}{70} = \frac{2}{35} \Rightarrow \frac{1}{3} = \frac{\sqrt{3}}{3}$$



$(-3, -2)$

$$m = \frac{0 - (-2)}{0 - (-3)} = \frac{2}{3}$$

$$mL = -\frac{3}{2}$$

$$mLr = \frac{2}{3}$$

$$r = \sqrt{3^2 + 2^2} = \sqrt{13}$$

$$-1 \times -V = V$$

$$y = \frac{2}{3}x + t$$

$$\Rightarrow OA = \omega = \frac{10 + 0 + t}{2} = \omega$$

$$t = \frac{2\omega}{3}$$

$$\frac{2}{3}(-V) + \frac{2\omega}{3} = -1 \Rightarrow \omega = \frac{3-V}{2}$$

$$\sqrt{\left(\frac{19}{9} + 1\right)} = \frac{10}{3}$$

$$-\frac{3}{2}(-3) + h = -2 \Rightarrow h = -\frac{5}{2}$$

$$2\omega n = -14\omega \Rightarrow n = -7$$

$$\Rightarrow \frac{2}{3}n + \frac{2\omega}{3} = \frac{2}{3}n - \frac{14\omega}{3} \Rightarrow 19n + 100 = -9n - 14\omega$$