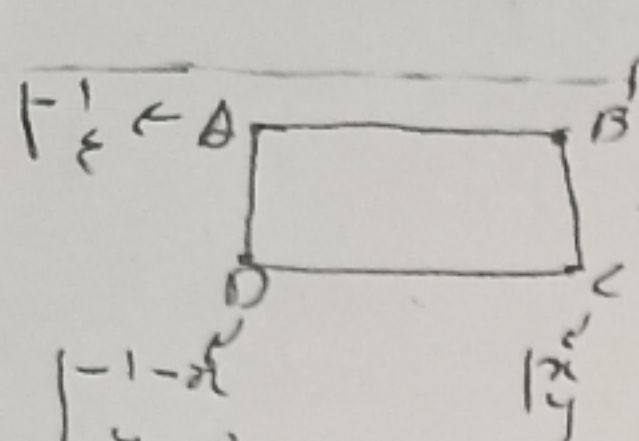


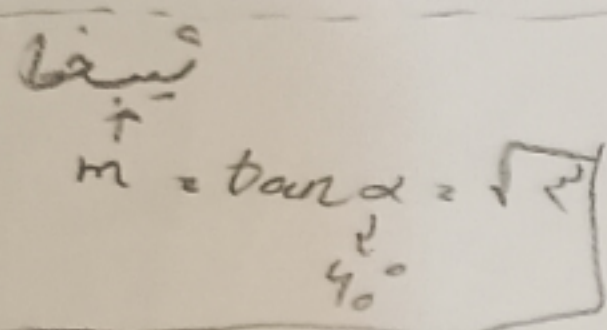
$A \mid R \quad \frac{m-R}{\varepsilon-R} = \frac{m-R}{\frac{1}{1-\varepsilon}} \rightarrow m-R = \frac{1}{1-\varepsilon} \rightarrow m = R + \frac{1}{1-\varepsilon}$
 $B \mid \varepsilon_m$

حساب المساحة $\Rightarrow \sqrt{(\varepsilon-R)^2 + (m-R)^2} = \sqrt{(\varepsilon-R)^2 + (\frac{1}{1-\varepsilon})^2} = \sqrt{\varepsilon\Delta} = \text{مساحة} \rightarrow \varepsilon\Delta = \text{مساحة}$
 A, B

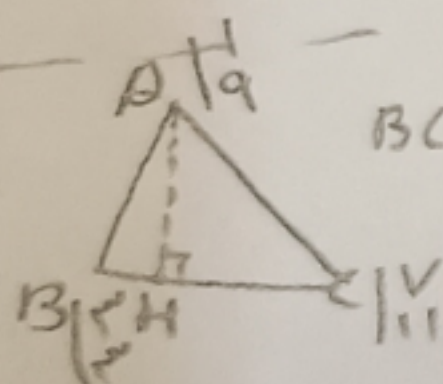


$$\begin{cases} x_A + x_C = x_B + x_D \\ y_A + y_C = y_B + y_D \end{cases} \Rightarrow \begin{cases} x-1 = \varepsilon-1-x \rightarrow x = \varepsilon \rightarrow x=1, \Delta \\ \varepsilon+y = 1+y+\varepsilon \end{cases}$$

حساب المساحة $\Rightarrow \frac{\varepsilon-1}{-1-\varepsilon} \times \frac{y-1}{x-\varepsilon} = -1 \rightarrow y = -1$
 $\Rightarrow \frac{AB}{BC} = \frac{\sqrt{\varepsilon^2 + 1^2}}{\sqrt{1^2 + \varepsilon^2}} = \Delta$
 $\Rightarrow \frac{BC}{AC} = \frac{\sqrt{1^2 + \varepsilon^2}}{\sqrt{\varepsilon^2 + 1^2}} = \varepsilon, \Delta$
 $\Rightarrow \frac{C}{\Delta} = \frac{1}{-1}$

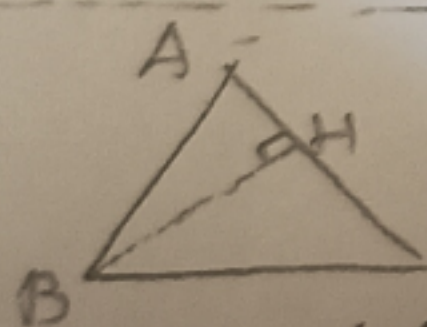


$(m^2-1)y = -2mn + \varepsilon \rightarrow m = \frac{-2m}{m^2-1} = \sqrt{\varepsilon} \rightarrow \sqrt{\varepsilon}m^2 - \sqrt{\varepsilon} = -2m$
 $\sqrt{\varepsilon}m^2 + 2m - \sqrt{\varepsilon} = 0 \rightarrow \text{المعادلة} = \sqrt{\varepsilon} - \varepsilon p = \sqrt{\frac{\varepsilon}{\varepsilon}} + \varepsilon = \sqrt{\frac{1}{\varepsilon}} = \frac{1}{\sqrt{\varepsilon}} = \frac{\varepsilon}{\sqrt{\varepsilon}}$
 $\Rightarrow s = \frac{-2}{\sqrt{\varepsilon}} \Rightarrow p = \frac{-\sqrt{\varepsilon}}{\sqrt{\varepsilon}} = -1$



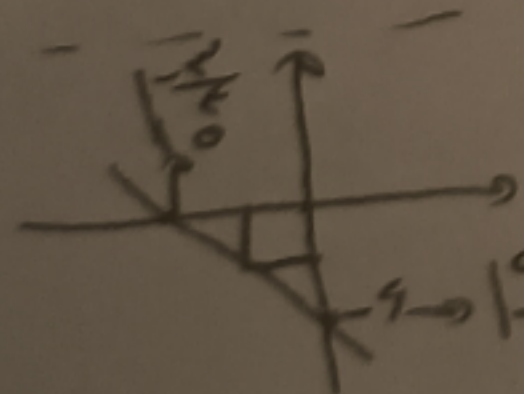
$BC \mid \varepsilon = \frac{11-\varepsilon}{\sqrt{1-\varepsilon}} = \frac{1}{\varepsilon} \Rightarrow y = \varepsilon = 1(n-\varepsilon)$
 $y = 1(n-\varepsilon) \Rightarrow 1n - y - \varepsilon = 0$

حساب المساحة $\Rightarrow \frac{|1-9-1|}{\sqrt{1-9}} = \frac{|-10|}{\sqrt{8}} = \frac{10}{\sqrt{8}} = \frac{5\sqrt{2}}{2}$



$A \mid \varepsilon y - 2n = 1V \rightarrow \varepsilon y = 2n + 1V$
 $AB: y + 2n = V \rightarrow \varepsilon y = -2n + 1V$
 $BC: \varepsilon y - 2n = -1V \rightarrow \varepsilon y = 2n - 1V$
 $\Rightarrow \frac{1V}{\varepsilon} = y \rightarrow A \mid \Delta$
 $\Rightarrow \frac{1V}{\varepsilon} = y \rightarrow B \mid \Delta$
 $\Rightarrow \frac{1V}{\varepsilon} = y \rightarrow C \mid \Delta$

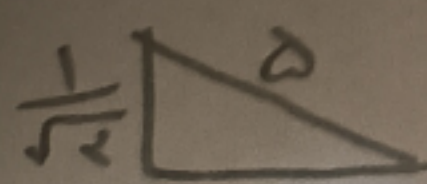
حساب المساحة $\Rightarrow \frac{|1-9-1|}{\sqrt{1-9}} = \frac{10}{\sqrt{8}} = \frac{5\sqrt{2}}{2}$



$\varepsilon = \frac{0-(1-\varepsilon)}{-\frac{1}{\varepsilon}} = \frac{1-\varepsilon}{1-\varepsilon} = 1 \Rightarrow y = 1(n-\varepsilon)$
 $y = 1(n-\varepsilon)$

حساب المساحة $\Rightarrow n = 1(n-\varepsilon) \Rightarrow n = \frac{1}{\varepsilon} \Rightarrow \frac{1}{\varepsilon} = \frac{1}{\varepsilon}$

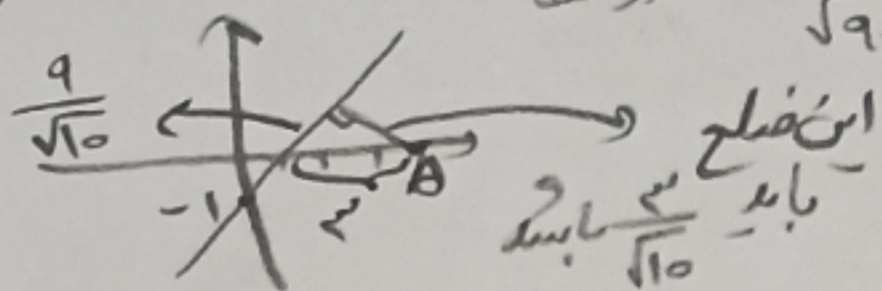
$\frac{1}{\varepsilon} = \frac{1}{\varepsilon} \rightarrow \varepsilon = \pm 1 \rightarrow \varepsilon = 1$
 $\Rightarrow \frac{11-0}{\sqrt{1}} = \frac{1}{\sqrt{1}}$



$\text{مساحة} = \frac{1}{2} \times \frac{\sqrt{11}}{1} = \frac{\sqrt{11}}{2}$

$\Rightarrow n = 1(n-\varepsilon) \Rightarrow n = \frac{1}{\varepsilon}$

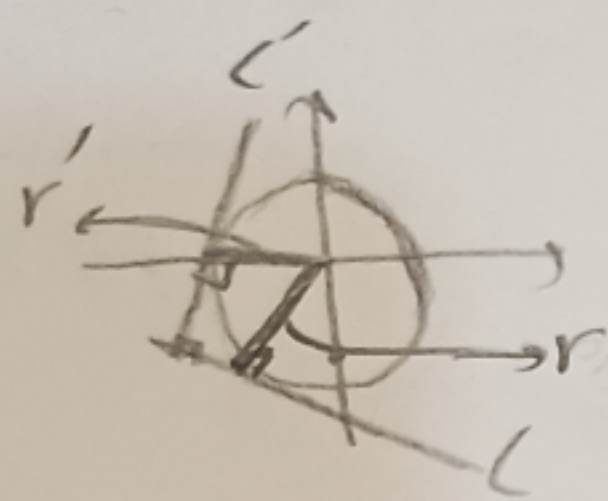
$y = \frac{\pi}{2} - 1 \rightarrow y = \frac{\pi}{2} - 1$
 $\frac{10-4}{\sqrt{9+1}} = \frac{6}{\sqrt{10}}$



$\frac{1}{2} \times \frac{9}{\sqrt{10}} \times \frac{2}{\sqrt{10}} = \frac{9}{10} = 0.9$

$\left| \frac{-1}{a} \right| \left| \frac{-1}{b} \right| \rightarrow \text{نسبت} = \frac{b-a}{-\frac{1}{a} - (-\frac{1}{b})} = \frac{b-a}{\frac{1}{b} - \frac{1}{a}} = (b-a) \sqrt{2} \rightarrow b-a = \frac{\sqrt{2}}{2}$

$\text{فاصله} = \sqrt{(-\frac{1}{a} - (-\frac{1}{b}))^2 + (b-a)^2} = \sqrt{\frac{1}{a^2} + \frac{2}{ab} + \frac{1}{b^2}} = \frac{1}{ab} \rightarrow \boxed{\frac{\sqrt{2}}{2}}$



$y = \frac{4}{5}x + \frac{3}{5} \rightarrow \text{نسبت} = \frac{4}{5}$

$y = -\frac{4}{5}x + \frac{3}{5} \rightarrow \frac{4}{5}x + \frac{3}{5} = -\frac{4}{5}x + \frac{3}{5} \rightarrow x = 0$

$y = \frac{4}{5}(x+1) \rightarrow y = \frac{4}{5}x + \frac{4}{5}$
 $y = -\frac{4}{5}x - \frac{3}{5}$

$\frac{x+1}{y+1} = \frac{1}{1} \rightarrow x+1 = y+1 \rightarrow x = y$