

$$S_{ABC} = \frac{144}{40} S_{ADE}$$

$$S_{ARC} = \frac{1}{r\omega} t$$

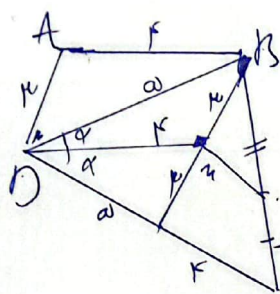
$$S_{HOE} = \frac{v \cdot t}{\omega}$$

$$\frac{S_{ADE}}{S_{BDE}} = \frac{1/2 \times OD \times EH}{1/2 \times V \times EH} = \frac{OD}{V} \rightarrow \frac{t}{S_{BDE}} = \frac{OD}{V}$$

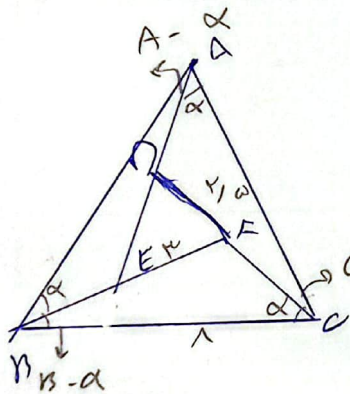
$$S_{BEC} = S_{ABC} - S_{ADE} - S_{BDE} = \frac{18\pi}{r_0} t - \frac{V}{\omega} t - u = \frac{18\pi}{r_0} t$$

$$S_{BCF} = \frac{\Delta E}{\tau \omega} t$$

$$\frac{S_{BCE}}{S_{BDE}} = \frac{\frac{\Lambda E}{r\omega} t}{\frac{V}{\omega} t} = \frac{r}{c}$$

[illegible]

c $ME = \frac{1}{r} P_C \Rightarrow ME = \frac{1}{r} \times \Sigma = r$

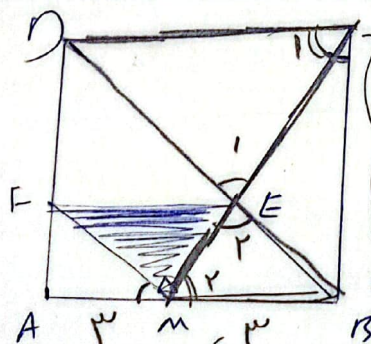


$$f_0^{\wedge} E \xrightarrow{f_0^{\wedge} \varphi_0} f_0^{\wedge} E = \hat{C} - \alpha + \alpha = \hat{C}$$

$$E\hat{F} \cap \hat{F} \rightarrow E\hat{F} \cap \hat{F} \Rightarrow E\hat{F} \cap \hat{F} \Rightarrow \hat{F} - \alpha + \alpha = \hat{F}$$

$$\textcircled{1} \vec{E} \perp \rightarrow \Delta \vec{E} \perp \Rightarrow \Delta \vec{E} = \hat{A} - \alpha + \alpha = \hat{A}$$

$$A \stackrel{?}{\sim} B \iff \exists f \Rightarrow \frac{\kappa}{A \cdot B} = \frac{\omega}{\frac{\kappa}{1}} \Rightarrow A \cdot B = \frac{\kappa \cdot 1}{\omega}$$



$$C \quad \left. \begin{array}{l} \hat{BCE} = \hat{AMF} \\ \hat{B} = \hat{A} = 90^\circ \end{array} \right\} \Rightarrow \triangle BCE \sim \triangle AMF$$

$$\Rightarrow \frac{AM}{BC} = \frac{AF}{MB} = \frac{1}{r} \Rightarrow AF = \frac{r}{r}$$

$$\sum \tau = 0 \Rightarrow \frac{q}{x} + q = F_M \Rightarrow F_M = \frac{3q\omega}{r}$$

$$\Rightarrow S = \frac{\frac{1}{\sqrt{2}} \times \sqrt{2}}{\frac{1}{\sqrt{2}}}$$

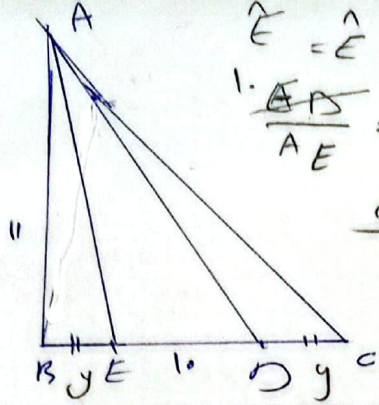
$$9 + 36 = mc^2$$

$$\Rightarrow mc = 3\sqrt{5}$$

$$\left. \begin{array}{l} \hat{\Sigma}_1 = \hat{\Sigma}_r \\ \hat{C}_1 = \hat{M}_r \end{array} \right\} \Rightarrow M E B \sim E D C \Rightarrow \frac{M B}{C D} = \frac{E M}{C E} = \frac{1}{r}$$

$$\Rightarrow \mu_{EM} = cE \Rightarrow \gamma_{EM} = \gamma \sqrt{\omega}$$

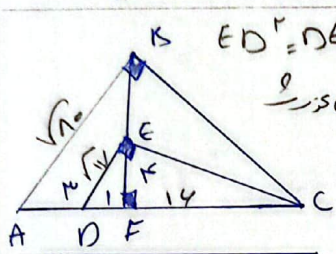
$$(E_m = 5)$$



$$\hat{E} = \hat{E} \text{ , } \hat{AEC} \cap = \hat{DAE} \Rightarrow AED \sim AEC$$

$$\frac{AE}{AE} = \frac{AE}{y+1} \rightarrow 100 + 1 = y = AE^r$$

$$\rightarrow \text{مثلاً : } AE^r = 101 + y^r \Rightarrow 100 + 10y = 101 + y^r \quad \begin{matrix} y = r \\ y = v \end{matrix}$$



$$ED^r = DE \cdot DC \Rightarrow EC = 14$$

$$ABC \sim BAF \rightarrow \frac{FA}{BA} = \frac{AB}{AC} = \frac{FB}{BC}$$

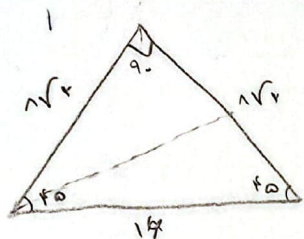
$$\rightarrow \text{مثلاً : } AB^r + BC^r = AC^r$$

$$100 + BC^r = 150$$

$$BC = \sqrt{50}$$

$$\frac{FA}{BA} = \frac{AB}{AC} = \frac{FB}{BC}$$

$$\frac{F}{BA} = \frac{BA}{C} \rightarrow BA = \sqrt{100}$$

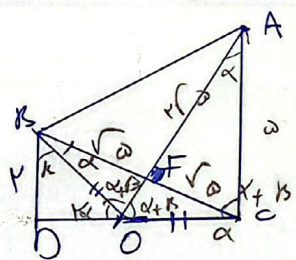


$$mb^r + mc^r = 2ma^r$$

$$M \text{ a : } \text{مثلاً : } M \text{ a}$$

$$mb = mc$$

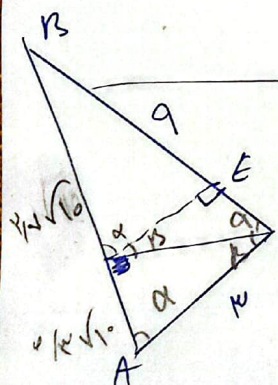
$$y mb^r = 2 \times 1^r \rightarrow mb = \sqrt{140} \rightarrow \sqrt{10}$$



$$BO = \text{مثلاً : } BO$$

$$BC = \sqrt{r^r + e^r} = r\sqrt{0} = rBE = rEC \rightarrow EC = BC = \sqrt{0}$$

$$\frac{r}{r\sqrt{0}} = \frac{e}{AE} \rightarrow AE = r\sqrt{0} \rightarrow S_{ABE} = \frac{AE \cdot EC}{2} = \underline{\underline{0}}$$

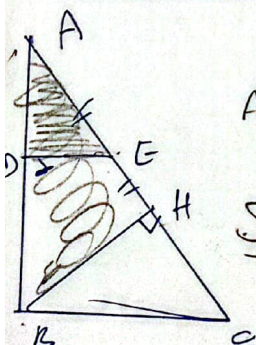


$$ABC : \text{مثلاً : } a \text{ } r\sqrt{10}$$

$$BCD : \text{مثلاً : } BD \text{ } a \rightarrow BD = \frac{11}{r\sqrt{10}} = \frac{r\sqrt{10}}{10} \rightarrow \frac{r\sqrt{10} \times 9}{r\sqrt{10}}$$

$$CDE : DE \text{ } BE \text{ } BD$$

$$\Rightarrow BD = 1/1$$



$$AC = r_0$$

$$ADE \sim ABH \rightarrow \frac{DE}{BH} = \frac{AE}{14}$$

$$\frac{14 \times 14}{r} = \frac{BH \times r_0}{r} \rightarrow BH = 9/4$$

$$14^r = AH \times r_0 \rightarrow \frac{AH}{r} = AE = r/e$$

$$DE = \frac{9/4 \times 14/r}{14} = \frac{r}{14} AE$$