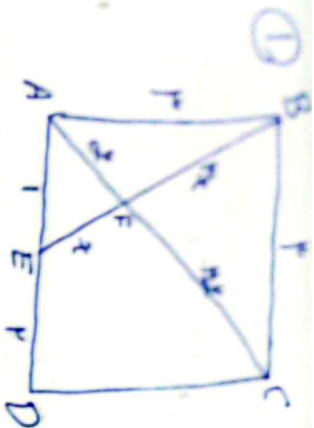


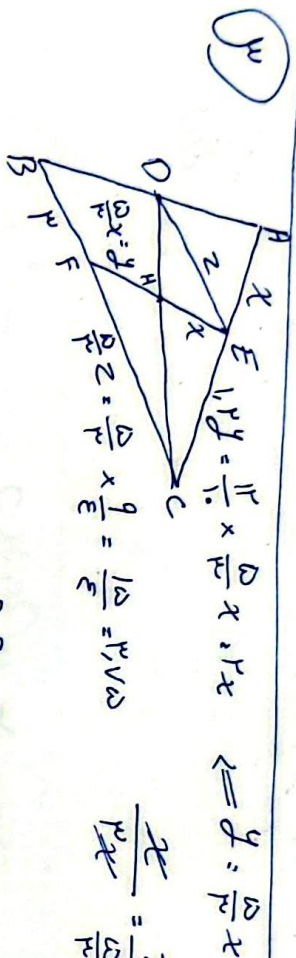


$$\begin{aligned} \hat{A}\hat{B}\hat{C} \cdot (\hat{\epsilon}\hat{\gamma})' &= 11 \\ \hat{A}\hat{B}\hat{E} \cdot (\hat{\epsilon}x)' \cdot 1_0 \Bigg\} &\rightarrow \frac{x'}{y'} \cdot \frac{11}{1_0} \cdot \frac{\omega}{q} \rightarrow \frac{x}{y} = \frac{\sqrt{\omega}}{y} \end{aligned}$$

(3/10) 1

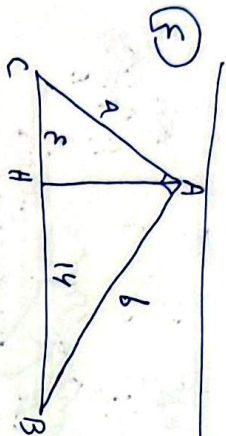
$$\textcircled{12} \hat{A}\hat{E}\hat{D} \sim \hat{A}\hat{B}\hat{C} \Rightarrow \frac{1}{x+1} = \frac{x}{1\omega} \rightarrow x + x = y_0$$

$$\begin{aligned} x + x - y_0 &= 0 \\ (x+y)(x-\omega) &= 0 \rightarrow x = y \leq \omega \end{aligned}$$

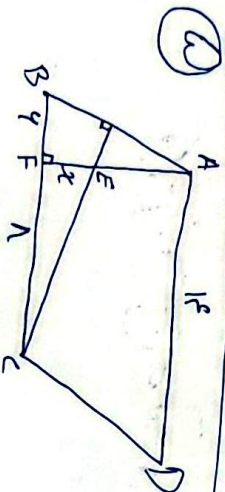


$$\rightarrow BF + FC = y + y_0 \omega, y, \omega$$

$$\begin{aligned} \frac{x}{y} &= \frac{z}{\frac{\omega}{y}z + y} \rightarrow \frac{\omega}{y}z + y = yz \\ y &= \frac{\epsilon}{y}z \rightarrow z = \frac{q}{f} \end{aligned}$$

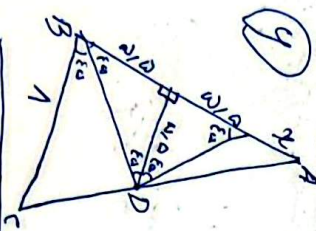


$$\begin{aligned} a' &= \epsilon \times 1_0 \\ b' \cdot 14 \times y &\rightarrow \frac{b'}{a'} = \epsilon \rightarrow \frac{b}{a} = y \end{aligned}$$

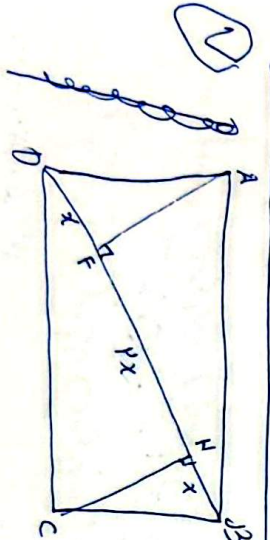


$$\begin{aligned} \hat{E}\hat{F}\hat{C} &\sim \hat{A}\hat{F}\hat{B} \\ \frac{x}{y} &= \frac{1}{x+1} \rightarrow x + 1 + x = \epsilon \lambda \\ x' + 11x - \epsilon \lambda &= 0 \\ (x+1)(x-\epsilon) &= 0 \rightarrow x = \epsilon \end{aligned}$$

$$AF = 1_0$$

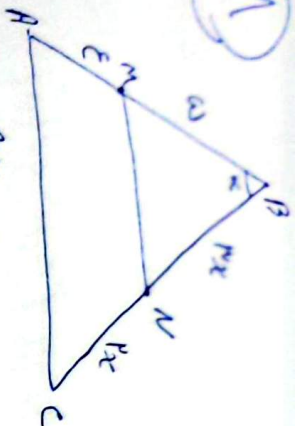


$$\frac{x + \omega/\omega}{\omega/\omega} = \frac{\omega/\omega}{y/\omega} \rightarrow \frac{x}{\omega/\omega} = \frac{y}{y/\omega} \rightarrow x = \frac{y\omega}{\omega} = y, y$$



$$\begin{aligned} BH &= DF = \frac{1}{y} FH \\ \frac{5H/3C}{5BCD} &= \frac{1}{\epsilon} \rightarrow \frac{5H/3C}{5BCD} \times \frac{5BCD}{5H/3C} = \frac{5H/3C}{5H/3C} = \frac{1}{\epsilon} \times \frac{1}{y} = \frac{1}{\lambda} \end{aligned}$$

1.



$$\frac{BN}{NC} = \frac{r}{r}$$

$$S_{ABC} = r S_{BMN}$$

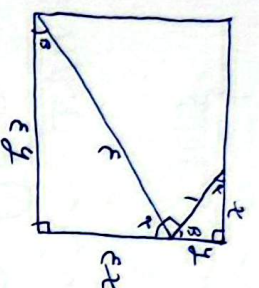
$$\rightarrow \frac{1}{r} \times AB \sin \alpha = r \times \frac{1}{r} \times BM \sin \alpha$$

$$\frac{AB}{BM} = \frac{r}{r}$$

$$\frac{AB}{BM} = \frac{r}{r} \Rightarrow$$

$$\frac{BM}{AM} = \frac{r}{r}$$

9.

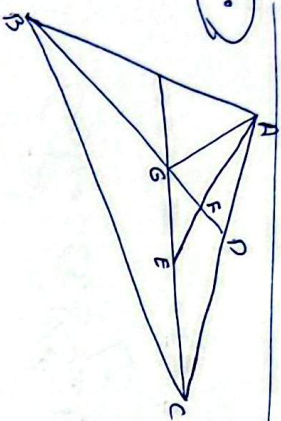


$$x^2 + y^2 = 1 \rightarrow x^2 + y^2 = 1 \rightarrow y = \sqrt{1 - x^2}$$

$$S = 14y^2 = 14x \frac{14}{r^2} = 10, r^2$$

$$x^2 + y^2 = 1 \rightarrow x^2 + y^2 = 1 \rightarrow y = \sqrt{1 - x^2}$$

10.



$$GB = \frac{1}{r} BD$$

$$FD = \frac{1}{r} GD \rightarrow FD = \frac{1}{r} \times \frac{1}{r} BD$$

$$\rightarrow 9FD = BD \rightarrow \frac{BD}{FD} = 9$$