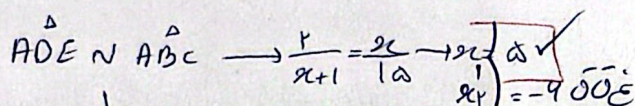
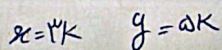


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$$\frac{t}{K} = \frac{BE}{AC} = \frac{Ft}{K} = \frac{\sqrt{10 \log t}}{\sqrt{1 \ln x^t}} = \sqrt{\frac{10}{1 \ln}} = \boxed{\frac{\sqrt{10}}{r}}$$

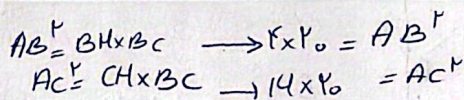


$$\frac{AD}{AB} = \frac{AE}{AC} = \frac{ED}{BC}$$

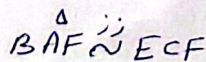


$$\frac{AE}{AC} = \frac{DE}{BC} = \frac{\mu_a}{\mu_a + \mu_b} = \frac{\mu_k}{\mu_k + \mu_f} = \frac{1}{F} \rightarrow a = \frac{\mu}{F}$$

$$BC = \mu + \alpha \times \frac{\mu}{F} = \frac{\omega}{F} + \mu = \frac{V}{F} = \sqrt{V\omega}$$



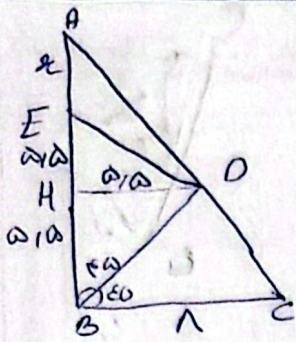
$$\frac{AC^P}{AB^P} = \frac{14 \times 10}{8 \times 10} = \frac{14}{8} = \frac{7}{4} \rightarrow \frac{AC}{AB} = \sqrt{\frac{7}{4}} = \frac{\sqrt{7}}{2}$$



$$\frac{BF}{EF} = \frac{AF}{CF} \rightarrow \frac{4}{x} = \frac{1+x}{1}$$

$$\rightarrow x(x+1) = 1 \rightarrow x^2 + 1x - 1 = 0 \quad \left\{ \begin{array}{l} x = -1 \pm \sqrt{2} \\ x = 1 \end{array} \right.$$

$$x = 6 \rightarrow Af = 1 + x = 17$$

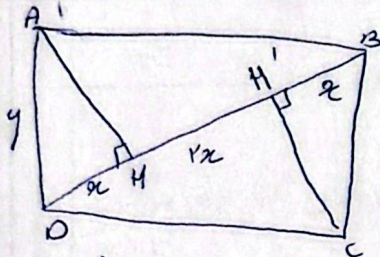


$$\frac{AH}{AB} = \frac{DH}{BC} \rightarrow \frac{1,1+x}{1+x} = \frac{1,1}{1} \rightarrow r_{+} \wedge x = 0,1 \quad 1,1 + 0,1 = 1,2$$

$$\rightarrow r_{+} \wedge x = 1,1 \rightarrow x = \frac{1,1}{1,1} = 1,1 = AE$$

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$$HH' = YDH = YBH' = Y2e$$

$$A\hat{B}D \rightarrow g^r = x(fx) \quad AD^r = DH \times DB$$

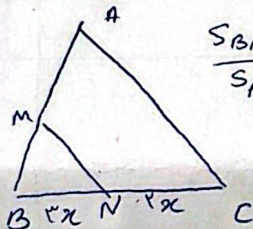
$$A^{\Delta} B^{\Delta} D \rightarrow A B^{\top} = B D^{\top} - A D^{\top} \rightarrow A B^{\top} = (F x)^{\top} (Y x)^{\top} = 1 x^{\top}$$

$$ADH: AH^T = AD_{-}^T DH^T \rightarrow AH^T = (12)_{-}^T (21)^T = 12^T \rightarrow AH = \sqrt{12}$$

$$\frac{S_{\text{Subs}}}{S_{\text{ADH}}} = \frac{AB \times AD}{\frac{1}{F} AA \times DH} = \frac{(VF)(2)}{\frac{1}{F}(\sqrt{Vx})(2)} =$$

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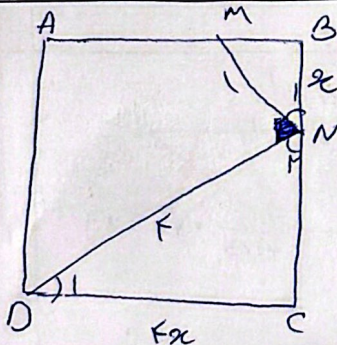


$$\frac{S_{BMN}}{S_{ABC}} = \frac{BM \times BN}{BA \times BC} = \frac{BM}{AB} \times \frac{r}{r} = \frac{1}{r} \rightarrow \frac{BM}{AB} = \frac{a}{9}$$

$$\frac{BM}{AM} = \frac{\omega}{F} = 1,7 \omega$$

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$$\hat{MND} = 90^\circ \rightarrow \hat{N}_1 + \hat{N}_2 = 90^\circ \quad \left\{ \begin{array}{l} \hat{O}_1 = \hat{N}_1 \\ \hat{O}_2 = \hat{N}_2 \end{array} \right.$$

$$D\hat{N}_C : \hat{C}=9. \rightarrow \hat{Q} + \hat{N}_P = 9.$$

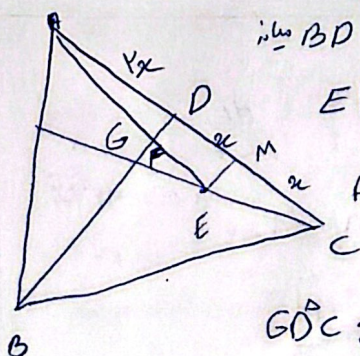
$$\begin{aligned} \triangle DNC \sim \triangle MNV &\rightarrow \frac{DN}{MN} = \frac{DC}{BN} \rightarrow \frac{F}{1} = \frac{DC}{BN} \rightarrow DC = F \cdot BN \\ BC = DC = Fx &\rightarrow NC = Fx \end{aligned}$$

$$DN^{\Delta}_C : DN^{\Gamma} = D_C^{\Gamma} + NC^{\Gamma} \rightarrow F^{\Gamma} = (Fx)^{\Gamma} + (N^{\Delta}x)^{\Gamma} \rightarrow 14 = 12 \omega x^{\Gamma}$$

$$\rightarrow x_c = \frac{F}{\omega} \quad S_{ABCD} = D_{CD} = \left(\frac{14}{\omega}\right)^2 = \frac{196}{\omega^2} = 10.125$$

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$$\therefore \text{In } \triangle BOD \rightarrow \frac{OD}{BO} = \frac{1}{2}, AD = DC$$

$E \parallel BD$

$$\Delta GDC: EM \parallel GD \rightarrow \frac{EM}{EG} = \frac{CM}{DM} \rightarrow CM = DM = x$$

$$\triangle AEM: FD \parallel EM \rightarrow \frac{AD}{AM} = \frac{FD}{EM} \rightarrow \frac{r_2}{r_2} = \frac{FD}{EM} \rightarrow EM = \frac{r}{r_2} FD$$

$$GDC: EM \parallel DG \rightarrow \frac{CM}{CD} = \frac{EM}{GO} \rightarrow \frac{x}{1x} = \frac{EM}{GD} \rightarrow GD = \frac{1}{2}EM$$

$$\rightarrow GD = r \left(\frac{r}{r} FD \right) \quad \frac{GD}{BD} = \frac{1}{r} \rightarrow \frac{r FD}{BD} = \frac{1}{r} \rightarrow \frac{BD}{FD} = 9$$

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