

$$(AC)^P = 1 \wedge n^P \quad AC = x \sqrt{1 \wedge n}$$

$$AF = \frac{\pi \sqrt{1A}}{r}$$

$$(BE)^p = (w_x)^p + x^p = 10x^p$$

$$BE = 2\sqrt{10}$$

$$EF = \frac{x\sqrt{10}}{r}$$

$$\frac{EF}{AF} = \frac{\pi\sqrt{10}}{r} = \frac{\sqrt{10}}{\frac{r}{\pi}} = \sqrt{\frac{10}{\frac{1}{\pi^2}}} = \sqrt{\frac{10\pi^2}{1}} = \sqrt{10\pi^2} = \pi\sqrt{10}$$

$$\frac{y}{x+1} = \frac{x}{10}$$

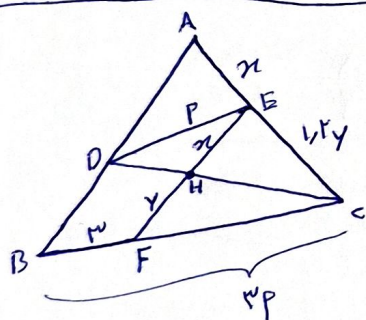
$$V_0 = x^p + x$$

$$x^{\mu} + x_{-}^{\mu} = 0$$

$$(x+4)(x-6) = 0$$

$\pi = \omega \quad \checkmark$

$$x = -9 \quad \times$$



$$w_Y = \omega x$$

$$y = \frac{\Delta}{\mu} x$$

$$\frac{Y}{n} = \frac{\frac{\sum y}{n} n}{n}$$

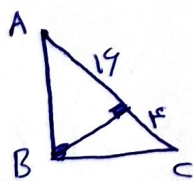
$$w_P - \frac{d}{w} P = w$$

$$\frac{\kappa}{\mu} P = \mu$$

$$P = \frac{Q}{K}$$

$W_P =$

$$\frac{q}{k} \times W = \frac{PV}{T}$$



$$(BC)^P = K \times 10$$

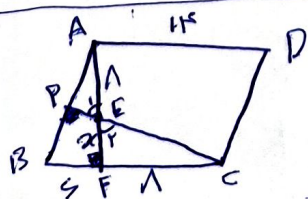
$$BC = \sqrt{10}$$

$$(AB)^r = 19 \times 10$$

$$AB = \sqrt{r_1 r_2}$$

$$\frac{\sqrt{r_0}}{\sqrt{10}} = \sqrt{r} = r \quad \checkmark$$

$$\frac{\sqrt{\lambda_0}}{\sqrt{\mu_0}} = \sqrt{\frac{1}{\epsilon}} = \frac{1}{\mu} \quad \checkmark$$



$$\frac{x}{\xi} = \frac{\Lambda}{\Lambda + x}$$

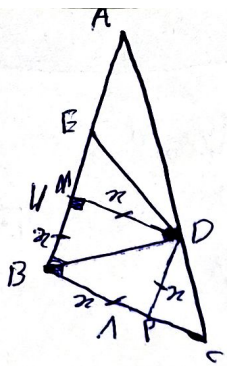
$$F\Lambda = \pi^r + \Lambda \pi$$

$$x^y + \Lambda x - \Gamma \Lambda = 0$$

$$(x+17)(x-17) = 0$$

$$\begin{array}{l} n = -1 \quad \times \\ n = 1 \quad \checkmark \end{array}$$

$$AF = A + F = \sqrt{12}$$



$$\begin{aligned} x^r &= (11-x)x \\ x^r &= -x^2 + 11x \\ 2x^r &= 11x \\ 2x &= 11 \\ x &= \frac{11}{2} \end{aligned}$$

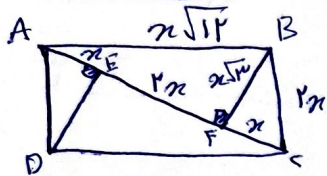
$$\frac{\Lambda - x}{\Lambda} = \frac{x}{AB}$$

$$\frac{\omega}{19} = \frac{11}{AB}$$

$$\Lambda \Lambda = \omega AB$$

$$AB = \frac{\Lambda \Lambda}{\omega}$$

$$AE = \frac{\Lambda}{\omega} - 11 = \frac{11}{\omega} = 9,9$$



$$(BC)^r = x \cdot r_x$$

$$(AB)^r = r_x \cdot r_x$$

$$BC = r_x$$

$$AB = x\sqrt{r}$$

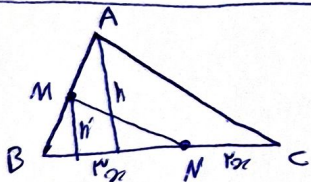
$$(BF)^r = x \cdot r_x$$

$$S_{BCF} = \frac{x \cdot x\sqrt{r}}{r}$$

$$BF = x\sqrt{r}$$

$$\frac{\frac{x \cdot x\sqrt{r}}{r}}{\frac{x \cdot x\sqrt{r}}{r}} = \Lambda$$

$$S_{ABCD} = r_x \cdot x\sqrt{r}$$



$$r S_{ABC} = \omega x h$$

$$9x h' = \omega x h$$

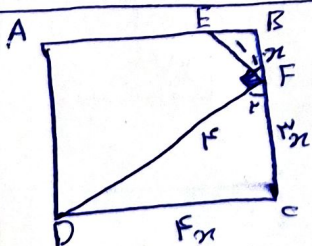
$$r S_{BMN} = r_x x h'$$

$$\frac{9}{\omega} h' = h$$

$$\frac{h'}{h} = \frac{BM}{AB} = \frac{h'}{\frac{9}{\omega} h'} = \frac{\omega}{9}$$

$$\frac{BM}{BM+AM} = \frac{\omega}{9}$$

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



$$\left. \begin{aligned} \hat{E} + \hat{F}_1 &= 90 \\ \hat{F}_1 + \hat{F}_r &= 90 \end{aligned} \right\} E = F_r$$

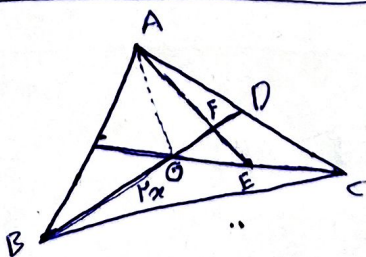
$$\left. \begin{aligned} \hat{C} &= \hat{B} \\ \hat{E} &= \hat{F}_r \end{aligned} \right\} \Rightarrow CDF \sim EBF$$

$$k = f$$

$$(f_x)^r + (r_x)^r = r \omega x^r = 19$$

$$x^r = \frac{19}{r \omega}$$

$$S_{ABCD} = f_x \cdot r_x = 19x^r = 19 \times \frac{19}{r \omega} = \frac{r \omega 9}{r \omega} = 10 \frac{9}{r \omega}$$



مربعی که در آن

$$BD = r_x \left\{ \begin{aligned} BG &= r_x \\ DG &= x \end{aligned} \right.$$

$$GD = x \left\{ \begin{aligned} FG &= \frac{r}{r} x \\ DF &= \frac{1}{r} x \end{aligned} \right.$$

$$\left. \begin{aligned} AD &= CD \\ CE &= GE \end{aligned} \right\} F = \text{مربعی که در آن}$$

$$\frac{BD}{FD} = \frac{r_x}{\frac{1}{r} x} = \frac{9x}{x} = 9$$