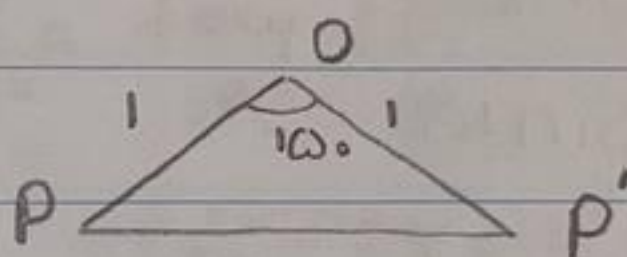
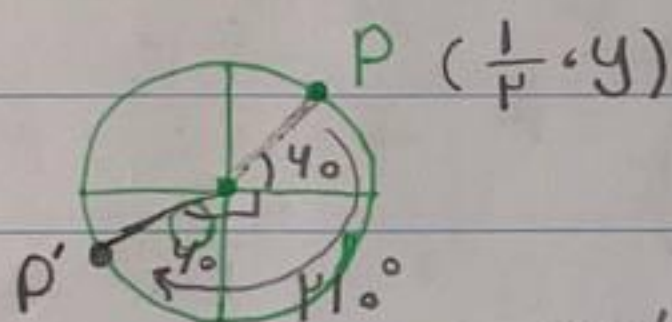


نیپایین تباری

$$\frac{a \sin \frac{\pi}{\mu} + b \cos \frac{\pi}{\mu}}{a \sin \frac{\pi}{\mu} + b \cos \frac{\pi}{\mu}} = \tan \frac{\omega \pi}{\mu}$$

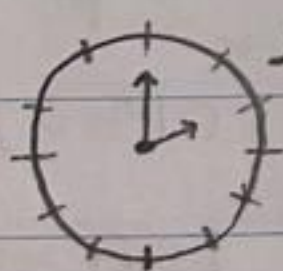
$$\mu a + \mu b = b - a \rightarrow \mu a = -\mu b$$

$$\frac{b}{a} = \mu - \mu \checkmark$$



$$PP' = \sqrt{1+1-2 \times 1 \times 1 \times \cos 100^\circ} = \sqrt{2+2\mu}$$

$$\text{مساحت } OPP' = \mu + \sqrt{2+2\mu} \checkmark$$



$$\frac{\text{دقیقه‌ای نیاز}}{\text{ساعت گذشته}} = \frac{\text{ساعتی}}{\mu}$$

$$\frac{\pi}{9} \mu_0 = \frac{\mu}{\mu} \rightarrow \mu_0 \text{ min} \checkmark$$

$$\mu : \mu_0$$

$$\left| \frac{11M}{\mu} - \mu_0 h \right| = \left| \frac{11M}{\mu} - 90 \right| = \mu_0$$

$$\frac{11M}{\mu} - 90 = \pm \mu_0 \rightarrow M = 12, 17 \mid \mu_0$$

$$\mu_0 \text{ min} \checkmark$$

$$-\frac{\pi}{2} < x < \frac{\pi}{2}$$

$$\sin x = \frac{m - \mu}{\omega}$$



$$-\frac{1}{r} < \sin x < 1 \rightarrow -\frac{\omega}{r} < m - \mu < \omega$$

$$\frac{m - \mu}{\omega}$$

$$\frac{1}{r} < m < 1 \rightarrow 15 \Delta \rightarrow \text{مستحيل}$$

$$\frac{\sin 10\omega + K \cos 10\omega}{\cos 14\omega + \mu \sin 14\omega} = \mu$$

$90 + 10 \quad \mu 0 - 10$
 $100 - 10 \quad 100 + 10$

$$\tan 10 = 0.175$$

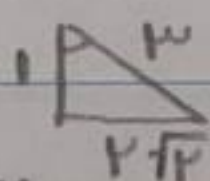
$$\frac{\cos 10 - K \sin 10}{-\cos 10 - \mu \sin 10} = \mu$$

$$\frac{1 - \frac{K}{r}}{-1 - \frac{\mu}{r}} = \mu \rightarrow \frac{r - K}{-r - \mu} = \mu$$

$$r - K = -11 \rightarrow K = 12$$

$$\frac{1 - \cos x}{1 + \cos x} = \mu$$

$$\mu + \mu \cos x = 1 - \cos x \rightarrow \cos x = -\frac{1}{\mu}$$



$$\sqrt{1 - r^2} = r\sqrt{\mu} \quad \sin x = \frac{r\sqrt{\mu}}{1}$$

$$\cot x + \cot x$$

$$\tan\left(\frac{\pi}{r} - x\right) - \cot(\pi - x)$$

$$\frac{\cot\left(\frac{\pi}{r} - x\right) + \mu \tan(\mu\pi - x)}{+ \tan x - \mu \tan x}$$

$$= \mu \cot x$$

$$= -\tan x$$

$$= \frac{-\frac{r}{\mu}}{+ r\sqrt{\mu}} = \frac{1}{r}$$

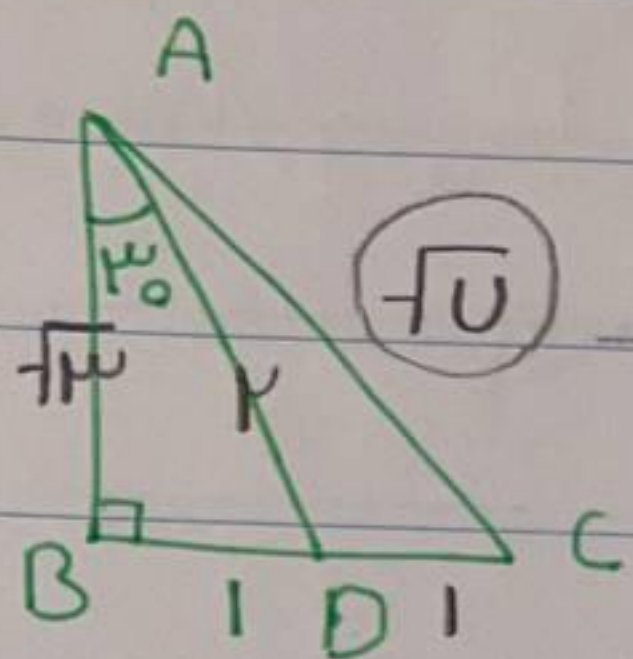
$$L = R\theta = R'\theta'$$

$$R_A \times \frac{\mu}{10} = R_B \times \frac{9}{10}$$

$$\frac{R_A}{R_B} = \frac{\mu}{r}$$

$$\frac{S_A}{S_B} = \frac{9}{r}$$

$$\frac{\theta}{\pi} = \frac{10 \Delta \mu}{100 - 10 \Delta} \Rightarrow \theta = \frac{4\pi}{10}$$

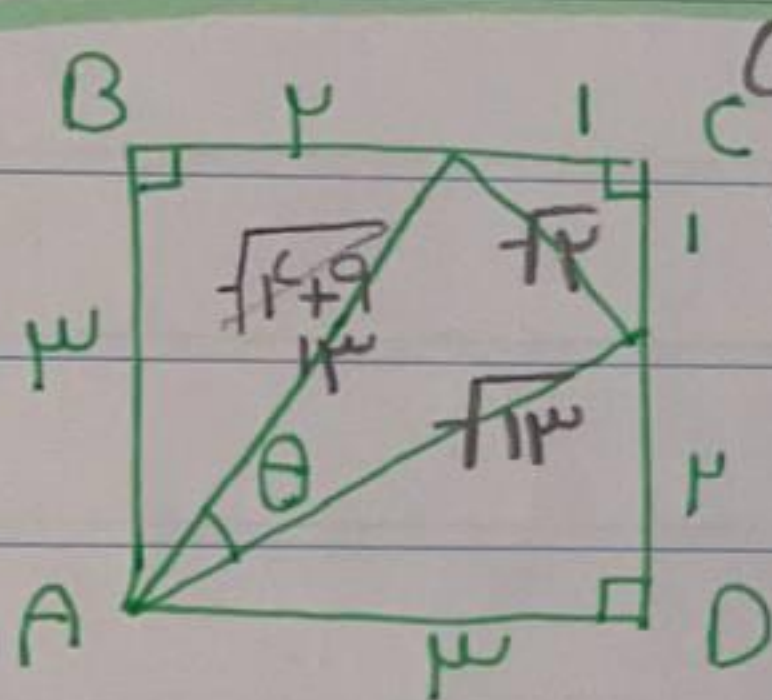


$$S_{ABC} = \sqrt{\mu}$$

$$\frac{\sqrt{\mu} \times (1 + DC)}{\mu} = \sqrt{\mu} \rightarrow DC = 1$$

$$\sqrt{\mu + \mu} = \sqrt{u}$$

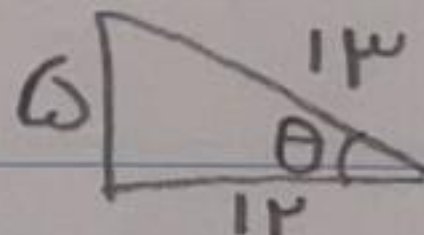
$$\sin PC = \mu \sin C \cos C = \mu \times \frac{\sqrt{\mu}}{\sqrt{u}} \times \frac{\mu}{\sqrt{u}} = \frac{\mu \sqrt{\mu}}{u}$$



cos theta

$$(\sqrt{\mu})^2 = \sqrt{\mu}^2 + \sqrt{\mu}^2 - \mu \sqrt{\mu} \times \sqrt{\mu} \times \cos \theta$$

$$\mu = \mu + \mu - \mu \cos \theta$$



$$\cos \theta = \frac{1}{\mu} \rightarrow \sin \theta = \frac{\sqrt{\mu}}{\mu}$$