

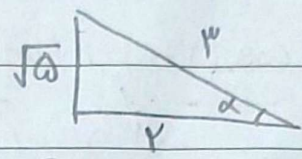
Subject _____

Date : / /

$$\frac{r \cos(\alpha_0 - \alpha) - r \sin(\alpha_0 - \alpha)}{\sin(\alpha_0 + \alpha) - \cos(\alpha_0 + \alpha)} = \frac{-r \sin \alpha, -r \sin(\alpha)}{-\sin(\alpha) - \sin(\alpha)} = \dots \quad (5)$$

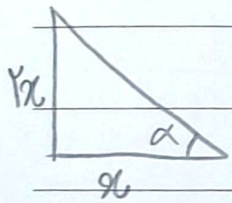
$$\frac{-\omega \sin(\alpha)}{-r \sin(\alpha)} = \frac{\omega}{r} = r, \omega \quad \leftarrow \text{پاسخ نهایی}$$

$$\frac{\cos \alpha + \sin \alpha}{|\tan^2 \alpha - 1|} = \frac{\frac{r}{r} - \frac{\sqrt{\omega}}{r}}{\left(\frac{\sqrt{\omega}}{r}\right)^2 - 1}$$



$$= \frac{r - \sqrt{\omega}}{r} = \frac{r(r - \sqrt{\omega})}{r^2} \quad \leftarrow \text{پاسخ نهایی}$$

$$\sin \alpha = r \cos \alpha \rightarrow \frac{\text{مقابل}}{\text{وتر}} = r \times \frac{\text{مجاور}}{\text{وتر}} \rightarrow \text{مقابل} = r \times \text{مجاور} \quad (7)$$



$$\rightarrow \text{وتر} = r x^2 + x^2 = \sqrt{\omega} x \quad \cos = \frac{x}{\sqrt{\omega} x} = \frac{-\sqrt{\omega}}{\omega}$$

$$r m x + (m^2 - 1) y = r \Rightarrow \frac{-x}{y} = \frac{-r m}{m^2 - 1} = \sqrt{3} \quad (8)$$

$$\Rightarrow \sqrt{3} m^2 - \sqrt{3} = -r m \rightarrow \sqrt{3} m^2 + r m - \sqrt{3} = 0$$

از $\frac{\sqrt{\Delta}}{|a|}$ به دست می آید: $\frac{\sqrt{r^2 + 12}}{\sqrt{3}} = \frac{\sqrt{14}}{\sqrt{3}} = \left(\frac{r}{\sqrt{3}}\right)$ پاسخ نهایی

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$$-\frac{\pi}{r} < n < \frac{\pi}{r} \xrightarrow{\times(-1)} -\frac{\pi}{r} < -n < \frac{\pi}{r} \xrightarrow{+\frac{\pi}{r}} 0 < \frac{\pi - n}{r} < \frac{\pi}{r} \quad (9)$$

ربع اول است.

$$\tan\left(\frac{\pi}{r} - n\right) > 0 \rightarrow \frac{1-m}{r+m} > 0$$

بسیار است

-r	1
-r	1

$\rightarrow (-r, 1)$

$$\tan(\mu_0) \cos(\nu_1) + \tan(\nu_1) \sin(\mu_0)$$

(10)

$$\left(-\sqrt{\mu} \times \frac{-\sqrt{\mu}}{r}\right) + \left(-\sqrt{\mu} \times \frac{\sqrt{\mu}}{r}\right) = \frac{\mu}{r} - \frac{\mu}{r} = 0$$

بسیار است