

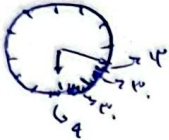


$$r \omega_0 + 4 + r v_2 \sqrt{15} \sqrt{v}$$

$$|v_1 \omega_{min} - \omega_0 h| = 0$$

$$r \omega v - q_0 = r_0 v$$

$$\omega \alpha_0 - r_0 v = \sqrt{15} \sqrt{v}$$



$$\omega_0 + \omega_0 + 1v + q = 11$$

$$|v_1 \omega_{min} - \omega_0 h| = 0$$

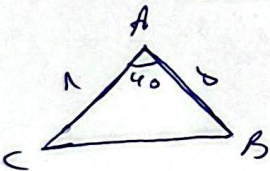
$$|11 \times v_1 b - 11.1| = 11.1 - 99 = 11$$

$$\alpha = \frac{\pi}{2} = \omega_0$$



$$S = \frac{\alpha}{r} R^2 = \frac{\pi}{r} \alpha \omega^2 = \frac{\pi}{r} \alpha q = \frac{v \pi}{2}$$

$$P = \alpha R + r R = \frac{\pi}{r} \alpha \omega^2 + r \alpha \omega = \frac{\pi}{r} + 4$$

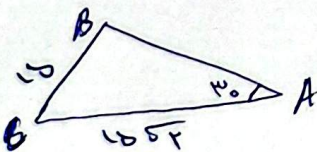


$$S = \frac{1}{2} a b \sin \alpha \rightarrow b \alpha \alpha \frac{1}{r} \alpha \frac{\sqrt{v}}{r} = \sqrt{15} \sqrt{v}$$

$$CB = \sqrt{a^2 + r^2 - 2 a \frac{1}{r} \alpha \omega = \sqrt{15} = r$$

$$P = b + 11 + r = 16$$

$$\hat{B} + \hat{C} = 160$$



$$\frac{a}{\sin A} = \frac{b}{\sin B} \Rightarrow \frac{\frac{16}{r}}{\frac{1}{r}} = \frac{16 \sqrt{v}}{\sin B} \rightarrow \sin B = \frac{\sqrt{v}}{r} \begin{cases} B = 25^\circ \\ B = 155^\circ \end{cases}$$

$$b + c = 160 \rightarrow c = 160$$

$$25 = \frac{\pi}{2}$$

$$160 = \frac{v \pi}{r}$$

$$\frac{\pi}{r} = 16 \rightarrow \frac{r \tan \alpha + \tan \alpha b}{w \tan \alpha b + \tan \alpha r} = \frac{r \tan (\frac{\pi}{r} - \alpha) + \tan (\frac{\pi}{r} + \alpha)}{w \tan (\pi - \alpha) - \tan (\frac{\pi}{r} - \alpha)} = \frac{r \cot(\alpha) - \cot(\alpha)}{-r \tan \alpha - \cot \alpha}$$

$$\frac{\tan(\pi - \alpha) + v \tan(\pi + \alpha)}{\tan(v\pi - \alpha) - \tan(v\pi + \alpha)} = \frac{-\tan \alpha + v \tan \alpha}{-\tan \alpha - \tan \alpha} = \frac{v \tan \alpha}{-2 \tan \alpha} = -\frac{v}{2}$$

$$\frac{v}{v} = 1 \quad A = \frac{v \tan v\pi + \tan 1.6}{v \tan 1.6 + \tan v\pi} = \frac{v \tan(\frac{\pi}{v} - \alpha) + \tan(\frac{\pi}{v} + \alpha)}{v \tan(\pi - \alpha) - \tan(v\frac{\pi}{v} - \alpha)}$$

$$\frac{v \cot \alpha - \cot \alpha}{-v \tan \alpha - \cot \alpha} = \frac{\cot \alpha}{-v \tan \alpha - \cot \alpha} = \frac{1}{-v \tan \alpha - \cot \alpha} = \frac{1}{-v \tan \alpha - \frac{1}{\tan \alpha}}$$

$$\frac{\sin + \cos}{\sin - \cos} + \frac{\sin - \cos}{\sin \pi \cos \pi} = v \rightarrow \frac{\sin^v + \cos^v + v \sin \cos + \sin^v \cos^v - v \cos^v \sin}{\sin^v - \cos^v}$$

$$\frac{v}{\sin^v - \cos^v} = v \rightarrow v = v(\sin^v - \cos^v) \rightarrow v = v \sin^v - v \cos^v \rightarrow \frac{v + v \cos^v}{v} = \sin^v$$

$$\frac{v + v \cos^v}{v} = 1 - \cos^v \rightarrow v + v \cos^v = v - v \cos^v \rightarrow 4 \cos^v = 1 \rightarrow \cos^v = \frac{1}{4}$$

$$\cos = \frac{1}{\sqrt[4]{4}} \quad \sin = \frac{\sqrt{6}}{\sqrt[4]{4}} \quad \frac{\sin}{\cos} = \sqrt{6} \quad \tan^v = 6$$

$$\frac{\sin^v - v \cos^v \pi + 1}{\sin^v \pi + v \cos^v \pi - 1} = v \rightarrow \frac{1 - \cos^v - v \cos^v + 1}{1 - \cos^v + v \cos^v - 1} = v \rightarrow v \cos^v = v \rightarrow \cos^v = \frac{v}{v}$$

$$\sin^v = 1 - \frac{v}{v} = 0$$

$$\tan^v = \frac{\frac{6}{v}}{\frac{v}{v}} = \frac{6}{1} = 6$$

$$\cos v\pi \rightarrow \cos^v \pi = \frac{1 + \cos v\pi}{v} \rightarrow \cos^v v\pi = \frac{1 + \cos v\pi}{v} = \frac{1 + \frac{\sqrt{v}}{v}}{v}$$

$$\frac{v + \sqrt{v}}{v} = \frac{v + \sqrt{v}}{v} \rightarrow \cos v\pi = \frac{\sqrt{v + \sqrt{v}}}{v}$$

$$\sin v\pi \Rightarrow \sin^v \pi = \frac{1 - \cos^v \pi}{v} \rightarrow \sin^v v\pi = \frac{1 - \cos v\pi}{v} = \frac{1 - \frac{\sqrt{v}}{v}}{v}$$

$$\frac{v + \sqrt{v}}{v} \rightarrow \sin v\pi = \frac{\sqrt{v + \sqrt{v}}}{v}$$