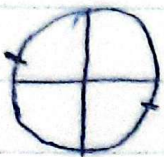


$$\cot \alpha = \frac{\cos \alpha}{|\sin \alpha|} \rightarrow \sin \alpha > 0$$

$$\Rightarrow \boxed{\sin \alpha > 0} \quad -1$$

$$\frac{1}{|\cos \alpha|} - \frac{\sin \alpha}{\cos \alpha} = \frac{1 - \sin \alpha}{|\cos \alpha|} \rightarrow \cos \alpha > 0$$

$$-\frac{\pi}{2} < m < \frac{3\pi}{2} \quad -\frac{1}{r} < \frac{m-1}{r} \leq 1 \rightarrow -1 < m \leq 2 \quad -2$$

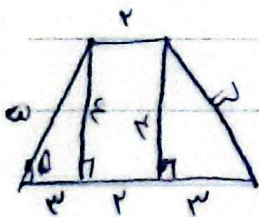


$$\frac{1}{\sin \alpha \cos \alpha} = -r \quad \frac{m\pi}{r} < m < \pi \quad -3$$

-3

$$(\sin \alpha + \cos \alpha)^2 = \sin^2 \alpha + \cos^2 \alpha + 2 \sin \alpha \cos \alpha \Rightarrow |\sin \alpha + \cos \alpha| = \frac{1}{\sqrt{2}}$$

$$\frac{1}{(\sin \alpha + \cos \alpha)(1 - \sin \alpha \cos \alpha)} = \frac{1}{\frac{1}{\sqrt{2}} \times \frac{1}{\sqrt{2}}} = \frac{1}{\frac{1}{2}} = 2 \quad \sin \alpha + \cos \alpha = \frac{1}{\sqrt{2}}$$



$$0,9 \times 2 = r$$

$$S_{\Delta} = r \times h + r \times h = 2rh = r \times 2h = r \times r = r^2$$

$$\frac{\tan(\frac{m\pi}{r} + \alpha)}{-\cot \alpha} \tan(\alpha - \pi) = \frac{\sin(\frac{m\pi}{r} + \alpha)}{\sin \alpha} \frac{\cos(\frac{m\pi}{r} - \alpha)}{-\sin \alpha} \quad -4$$

$$-1 + \sin^2 \alpha = -\cos^2 \alpha \quad \boxed{k = -1}$$

$$\sqrt{p} \times \frac{\sqrt{p}}{p} \times \sin\left(\frac{p}{p} - p\right) = \sqrt{p} \times \frac{\sqrt{p}}{p} \cos(p - p) \quad -4$$

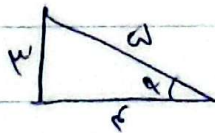
$$\frac{p}{p} (\cos(p)) + \cos p = \frac{p}{p} \cos p \quad (5)$$

$$14 \cos^5(p) \cos^5(q) \cos^5(r) \cos^5(s)$$

$$= \frac{p \cos^5(p) \sin^5(p) \cdot p \cos^5(q) \cdot p \cos^5(r) \cdot p \cos^5(s)}{p \times p \times \sin^5(p)} = \frac{\sin^5\left(\frac{p}{p}\right)}{p \left(1 - \cos\left(\frac{p}{p}\right)\right)} = \frac{p}{p - 14\sqrt{p}} \quad (5)$$

$$\tan \frac{p}{p} = \frac{\sin \frac{p}{p}}{\cos \frac{p}{p}} = \frac{\frac{p}{\sqrt{10}}}{\frac{1}{\sqrt{10}}} = -p \quad -1$$

$$1 - \sin m = \frac{p}{p} \sin m \quad \sin m = \frac{-p}{p} \quad \cos m = \frac{-p}{p} \quad \sin \frac{p}{p} = \frac{1 + \frac{p}{p}}{p} \rightarrow \sin \frac{p}{p} = \frac{p}{\sqrt{10}}$$



$$\cos \frac{p}{p} = \frac{1 - \frac{p}{p}}{p} \rightarrow \cos \frac{p}{p} = \frac{-1}{\sqrt{10}} \quad (9)$$

$$\frac{\sin \alpha (1 + \cos \alpha)}{\sin \alpha} + \frac{1 + \cos \alpha}{\sin \alpha} = \frac{p \cos^2 \frac{\alpha}{p}}{p \sin \frac{\alpha}{p} \cos \frac{\alpha}{p}} = p \cot \frac{\alpha}{p} \quad -9$$

$$k = p$$

$$\cos\left(\frac{11p}{p} + \alpha\right) = \cos\left(\frac{p}{p} + \alpha + \frac{p}{p}\right) = -\sin\left(\alpha + \frac{p}{p}\right) = \frac{p}{p} \quad -10$$

$$\sqrt{p} \sin\left(\alpha + \frac{p}{p}\right) = \frac{\sin \alpha}{\frac{p}{10}} + \frac{\cos \alpha}{\frac{p}{10}} = \sin\left(\alpha + \frac{p}{p}\right) = \frac{p}{p}$$

