

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

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

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

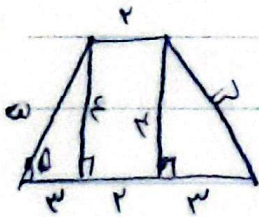
$$-\frac{\pi}{2} < m < \frac{3\pi}{2} \quad -\frac{1}{p} < \frac{m-1}{r} \leq 1 \rightarrow -1 < m \leq \omega \quad -2$$



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

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

$$\frac{1}{(\sin \alpha + \cos \alpha)(1 - \sin \alpha \cos \alpha)} = \frac{1}{\frac{1}{\sqrt{2}} \times \frac{r}{2}} = \frac{\sqrt{2} r}{r} \quad \sin \alpha + \cos \alpha = \frac{1}{\sqrt{2}} \quad -4$$



$$0,9 \times \omega = \mu$$

$$S_{\Delta} = p \times h + r \times h = \mu \times r \quad -5$$

$$\frac{\tan\left(\frac{\mu r}{r} + \alpha\right)}{-\cot \alpha} \cdot \frac{\tan(\alpha - \pi)}{\tan \alpha} = \frac{\sin(\mu r + \alpha)}{\sin \alpha} \cdot \frac{\cos\left(\frac{\mu r}{r} - \alpha\right)}{-\sin \alpha} \quad -6$$

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

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

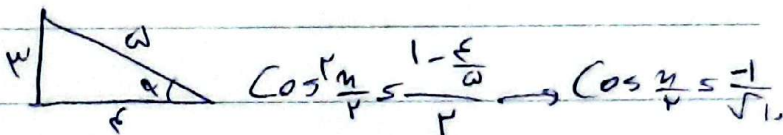
$$\frac{p}{p} (\cos(p)) + \cos p = \frac{p}{p} \cos p$$

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

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

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

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



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

$k = p$

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

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

