

$\left(\frac{\sqrt{3}}{3}\right)\left(-\frac{\sqrt{3}}{2}\right)\left(-\frac{1}{2}\right) =$ $\frac{3}{12} = \boxed{\frac{1}{4}}$	$-1 + \left(-\frac{\sqrt{2}}{2}\right)\left(-\frac{\sqrt{2}}{2}\right)$ $\frac{2}{4} - 1 = \boxed{-\frac{1}{2}}$
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$\frac{\cos x}{\sin x} - \frac{\sin x}{\sin x}$	$\frac{\cot x - 1}{\cot x + 1} \rightarrow \frac{12 - 1}{12 + 1} = \boxed{\frac{11}{13}}$
$\frac{\cos x}{\sin x} + \frac{\sin x}{\sin x}$	

$\sin^2 + \cos^2 = 1 \rightarrow (\cos)^2 + \cos^2 = 1 \rightarrow \cos^2 + \cos^2 = 1$
 $\rightarrow 2\cos^2 = 1 \rightarrow \cos^2 = \frac{1}{2} \rightarrow \cos = -\frac{1}{\sqrt{2}}$

$\tan \alpha = \frac{1}{\sqrt{2}}$ $-\cos \alpha = \boxed{-\frac{\sqrt{2}}{2}}$	$\tan \alpha = \frac{1}{\sqrt{2}}$ $-\sin \alpha = \boxed{-\frac{\sqrt{2}}{2}}$
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$\left. \begin{matrix} 2\sin^2 + \cos^2 = \frac{1}{2} \\ \sin^2 + \cos^2 = 1 \end{matrix} \right\} \rightarrow \sin^2 = \frac{1}{2} \rightarrow \sin = \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$
 $\tan \alpha = \frac{\sin^2 \alpha}{\cos^2 \alpha} \rightarrow \frac{\frac{1}{2}}{\frac{1}{2}} = \boxed{\frac{1}{2}}$

$\cos = -\frac{\sqrt{2}}{2}$

$$\frac{4}{r} \times \sqrt{r} \times \sin \alpha = r_0 \rightarrow \sin \alpha = \frac{\omega \sqrt{r}}{r_0}$$

$$\frac{1}{r} ab \sin C$$

$$a \times b \sin 101 \rightarrow \frac{a}{b} = \frac{r}{r_0} \quad a^2 = \sqrt{r} \rightarrow a = \sqrt{\sqrt{r}} = 4\sqrt{r}$$

$$\sin 100^\circ = \frac{1}{r}$$

$$2r \times r = 101$$

$$r(4\sqrt{r}) + r(4\sqrt{r}) = \frac{11}{\sqrt{r}} = b$$

$$r(4\sqrt{r}) + r(4\sqrt{r}) = \frac{11}{\sqrt{r}}$$

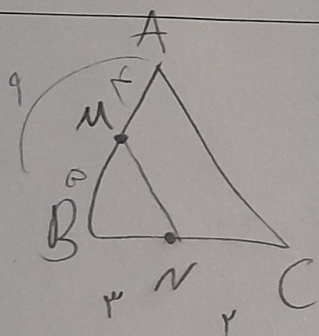
$$\sin A \times V \times \omega = r_0 \sin A$$

$$\sin A \times V \times r = r_0 \sin A$$

$$r_0 \sin A - r_0 \sin A = V \sin A = 1, \sqrt{\omega}$$

$$\sin A = \frac{1}{\sqrt{\omega}} \rightarrow \cos A = \frac{\sqrt{\omega}}{r} \rightarrow \tan \hat{A} = \frac{1}{\sqrt{\omega}}$$

$$\frac{\sqrt{10}}{10}$$



$$\omega \times AB \times \sin B = 9 \times BM \times \sin B$$

$$\frac{AB}{BM} = \frac{9}{\omega}$$

$$\frac{BM}{AM} = \frac{\omega}{r}$$

$$\frac{|\sin \alpha|}{\cos \alpha} = - \frac{\sin \alpha}{\cos \alpha} \rightarrow \sin \alpha = \text{مفوق} = \frac{r, r_0 \sin \alpha}{r}$$

$$\frac{|\sin \alpha|}{|\cos \alpha|} - \frac{\sin \alpha}{\cos \alpha} = \frac{1}{|\cos \alpha|} + \frac{\sin \alpha}{|\cos \alpha|} = \tan + \rightarrow \text{مفوق}$$