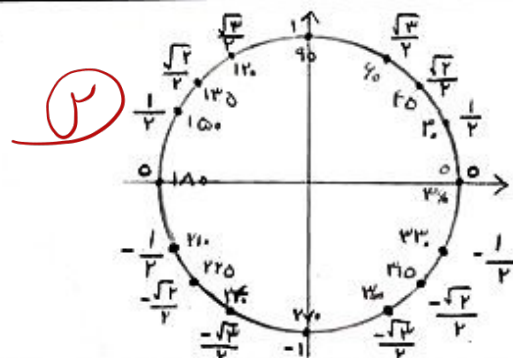
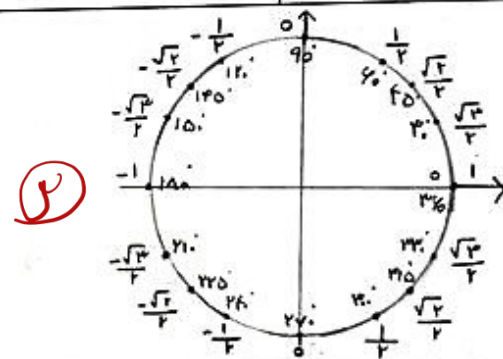
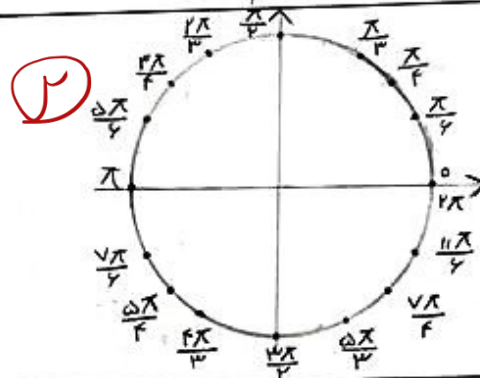
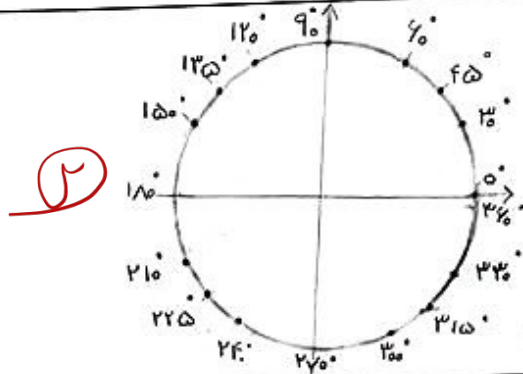


نام و نام خانوادگی: پاشنامه تشریحی تکلیف شماره ۲ کلاس: نام دبیر:



$$\tan = \frac{\sin}{\cos}$$

$$\tan 0 = \frac{0}{1} = 0$$

$$\tan 30 = \frac{1/2}{\sqrt{3}/2} = \frac{1}{\sqrt{3}}$$

$$\tan 45 = \frac{\sqrt{2}/2}{\sqrt{2}/2} = 1$$

$$\tan 60 = \frac{\sqrt{3}/2}{1/2} = \sqrt{3}$$

$$\tan 90 = \frac{1}{0} = \infty$$

$$\tan 120 = \frac{\sqrt{3}/2}{-1/2} = -\sqrt{3}$$

$$\tan 150 = \frac{1/2}{-\sqrt{3}/2} = -\frac{1}{\sqrt{3}}$$

$$\tan 180 = \frac{0}{-1} = 0$$

$$\tan 180 = \frac{0}{-1} = 0$$

$$\tan 210 = \frac{-1/2}{-\sqrt{3}/2} = \frac{1}{\sqrt{3}}$$

$$\tan 240 = \frac{-\sqrt{3}/2}{-1/2} = \sqrt{3}$$

$$\tan 270 = \frac{-1}{0} = -\infty$$

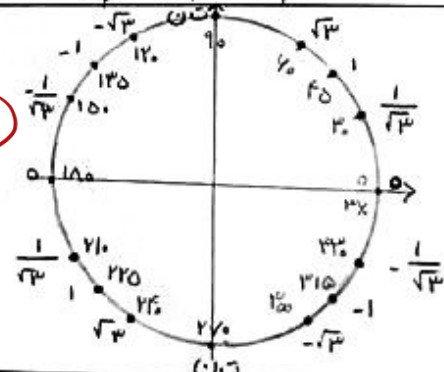
$$\tan 300 = \frac{-1/2}{\sqrt{3}/2} = -\frac{1}{\sqrt{3}}$$

$$\tan 330 = \frac{-\sqrt{3}/2}{1/2} = -\sqrt{3}$$

$$\tan 360 = \frac{0}{1} = 0$$

$$\tan 360 = \frac{0}{1} = 0$$

۵



$$\cot = \frac{\cos}{\sin}$$

$$\cot \theta = \frac{1}{6} \text{ تن}$$

$$\cot 18^\circ \cdot \frac{\sqrt{1^2}}{1} \div \frac{1}{1} = \sqrt{1^2}$$

$$\cot \phi = \frac{\sqrt{r}}{\frac{1}{\sqrt{r}}} = \frac{\sqrt{r}}{\frac{1}{\sqrt{r}}} = +1$$

$$\cot \theta = \frac{1}{\tan \theta} = \frac{1}{\frac{\sqrt{10}}{3}} = \frac{3}{\sqrt{10}}$$

$$\cos 90^\circ = \frac{0}{1} = 0$$

$$C_0 + 12.0 \frac{1}{1 + \frac{1}{\sqrt{2}}}$$

$$\cos 135^\circ = \frac{-\sqrt{2}}{2} \pm \frac{\sqrt{2}}{2}$$

$$\cos 150^\circ = \frac{-\sqrt{3}}{2} \div \frac{1}{2} = -\sqrt{3}$$

$$\cot 180^\circ = \frac{-1}{0}, \text{ تن}$$

$$\cot \gamma_1 = -\frac{\sqrt{3}}{1} \div -\frac{1}{\sqrt{3}} = \sqrt{3}$$

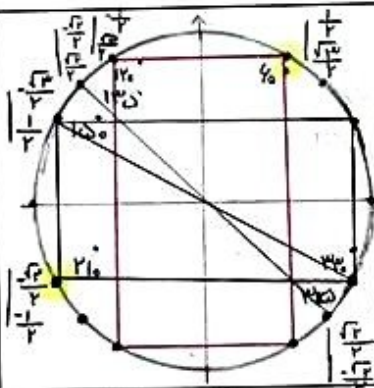
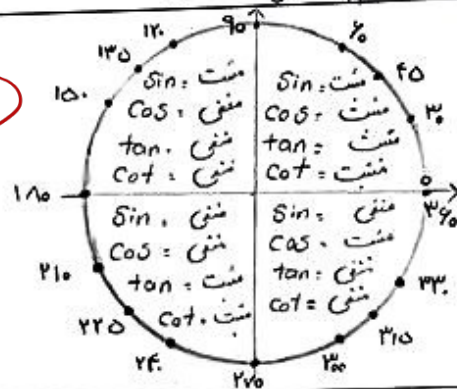
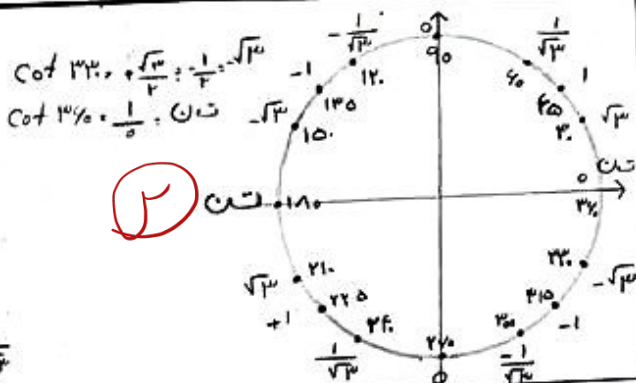
$$C_0 + r_2 \Delta z = -\frac{v}{r} \div -\frac{\sqrt{v}}{r} = +$$

$$\text{Cot } \varphi_f = -\frac{1}{\frac{1}{\tan \varphi} + \frac{1}{\tan \delta}}$$

$$\text{Cost } \frac{1}{2} \text{ of } \frac{1}{2} = \frac{1}{4}$$

$$\cot \theta_{\text{on}} = +\frac{1}{F} \therefore \frac{\sqrt{16}}{F}$$

$$Cot \theta_1 \Delta = \frac{\sqrt{1-\mu^2}}{\mu} \pm \frac{\sqrt{1-\mu^2}}{\mu}$$



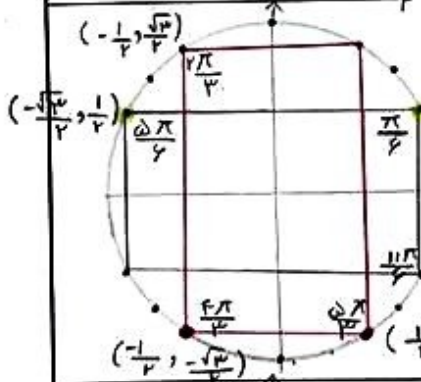
$$\sin 14.7^\circ = \frac{\sqrt{14}}{10} \rightarrow 14.7^\circ \Rightarrow \sin 14.7^\circ = \frac{\sqrt{14}}{10}$$

$$\cos \phi = -\frac{\sqrt{r}}{r} \rightarrow \phi = \cos^{-1} \left(-\frac{\sqrt{r}}{r} \right)$$

$$n = \frac{\sin i}{\sin r} \rightarrow \frac{\tan i}{\tan r} = \frac{1}{r} \div \frac{\sqrt{r^2}}{r} = \frac{1}{\sqrt{2}} \Rightarrow 10^\circ =$$

cos

$$\cot = \frac{\cos}{\sin} \Rightarrow \frac{-\frac{\sqrt{r}}{r}}{\frac{\sqrt{r}}{r}} = -1 \Rightarrow \sin(\alpha) = \cot$$



$$\cos \frac{\pi}{y} \rightarrow -\frac{1}{y} \xrightarrow{\frac{1}{y}} \frac{1}{y} = \sin \frac{\pi}{y}, \sin \frac{\pi}{y} \xrightarrow{\frac{\pi}{y}} \frac{\pi}{y} \text{ (النتيجة)}$$

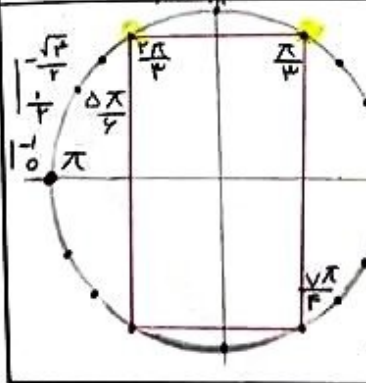
$(\frac{1}{\sqrt{e}}, \frac{1}{\sqrt{e}})$ D

$$\rightarrow \cos \frac{11\pi}{4} \cdot \sqrt{4} \xrightarrow{\text{Simplify}} -\sqrt{3} = \sin \frac{5\pi}{4}, \frac{5\pi}{4}$$

$$\sqrt{\mu} = 1$$

$$\frac{1}{\sqrt{u}}$$

$$\frac{1}{r} \sqrt{r}$$



$$\cot \theta = \frac{\cos \theta}{\sin \theta} = \frac{\frac{\sqrt{2}}{2}}{\frac{1}{2}} = -1 \Rightarrow \cos \pi = -1 = \cos 180^\circ \Rightarrow \theta = 180^\circ$$

(A) in: $\frac{v}{v}$

$\cos 15^\circ = \cos 45^\circ \cos 30^\circ + \sin 45^\circ \sin 30^\circ$

$$\frac{1}{y} = \frac{1}{r} \rightarrow \frac{1}{r} = \dots$$

$$\sin \frac{\Delta}{\mu} = \frac{1}{\mu} \quad , \quad \sin \frac{\Delta}{\mu} = \frac{1}{\mu} \Rightarrow \sin \theta, \sin \theta$$

٩، ١١، ١٢