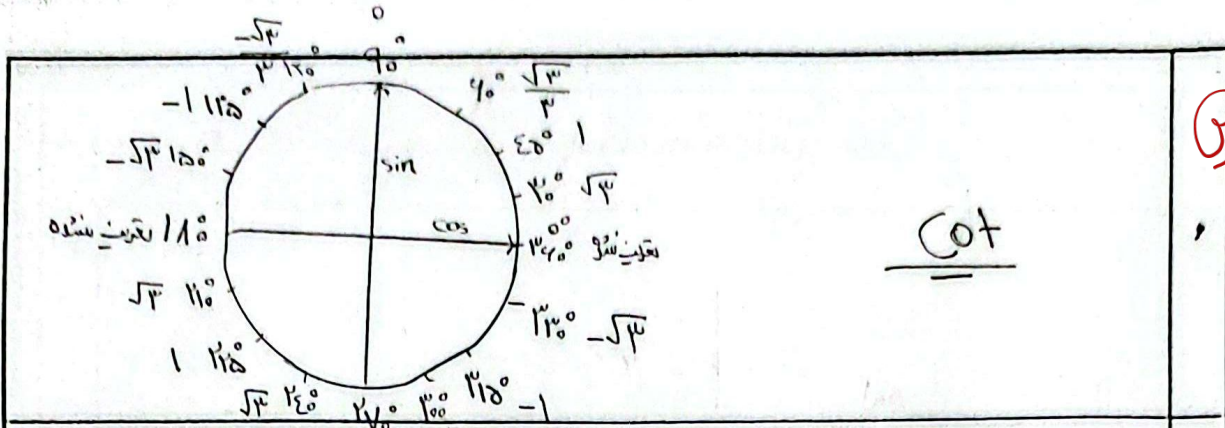
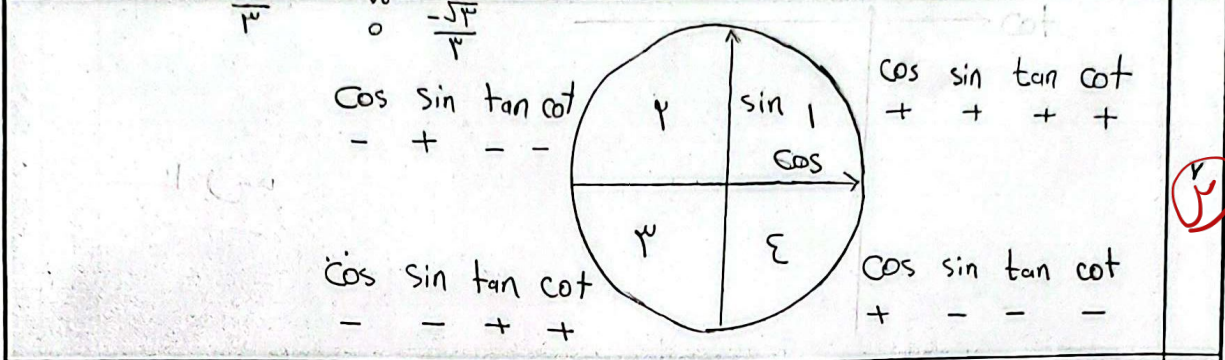


	<p style="text-align: center;"><u>زایا</u></p>	<p>۱</p>
<p style="text-align: center;"><u>رایب</u></p>		<p>۲</p>
	<p style="text-align: center;"><u>Cos</u></p>	<p>۳</p>
<p style="text-align: center;"><u>Sin</u></p>		<p>۴</p>
	<p style="text-align: center;"><u>tan</u></p>	<p>۵</p>



2



3

$\sin 120^\circ = \sin 40^\circ = \frac{\sqrt{3}}{2}$ (الف)
 $\cos 120^\circ = \cos 110^\circ = -\frac{1}{2}$ (ب)
 $\tan 135^\circ = \tan 120^\circ = -\sqrt{3}$ (ج)
 $\cot 135^\circ = \cot 110^\circ = -1$ (د)

5

$\frac{2\pi}{3} \rightarrow 120^\circ \rightarrow \cos 120^\circ = -\frac{1}{2} \xrightarrow{\text{تربيع}} \frac{1}{4} = \sin 30^\circ, \sin 120^\circ = \sin \frac{2\pi}{3} = \frac{\sqrt{3}}{2}$
 $\frac{11\pi}{6} \rightarrow 330^\circ \rightarrow \cos 330^\circ = \frac{\sqrt{3}}{2} \xrightarrow{\text{تربيع}} \frac{3}{4} = \sin 30^\circ, \sin 330^\circ = \sin \frac{11\pi}{6} = -\frac{1}{2}$

3

$\frac{7\pi}{6} \rightarrow 210^\circ \rightarrow \cot 210^\circ = \frac{\cos 210^\circ}{\sin 210^\circ} = \frac{-\frac{\sqrt{3}}{2}}{-\frac{1}{2}} = \sqrt{3} \Rightarrow \cos 110^\circ$ (الف)
 $\cos 120^\circ = \frac{\sqrt{3}}{2} \xrightarrow{\text{تربيع}} \frac{3}{4} = \sin 30^\circ, \sin 30^\circ$ (ب)

5