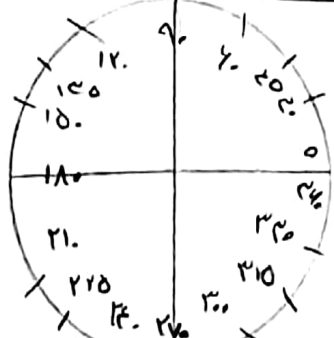
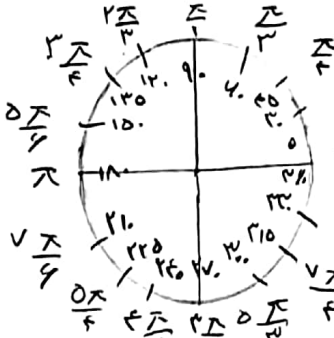
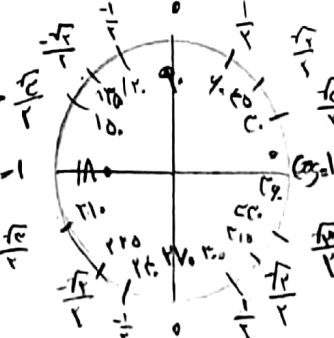
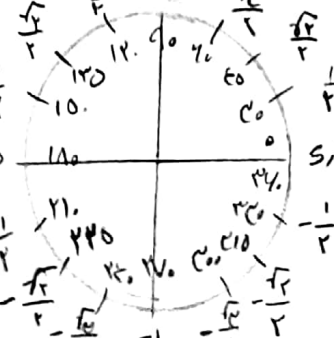
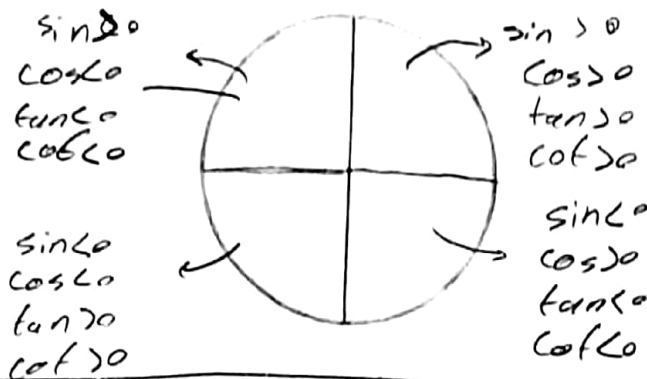
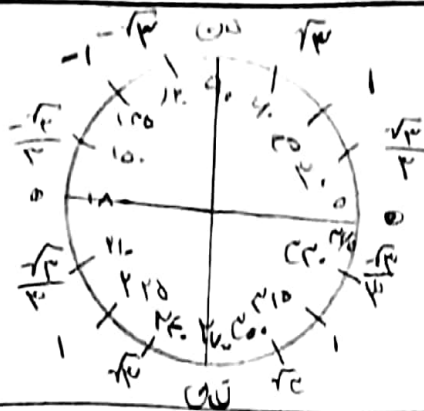


نام و نام خانوادگی: امیر طاهری باساخته تشریحی تکلیف شماره ۲ کلاس: دهم A

	۱ cos
	۲ sin
	۳ tan
	۴ csc
	۵ sec



الف) $\sin 14.0^\circ = \frac{\sqrt{2}}{2} = \sin \boxed{45^\circ} = \frac{\sqrt{2}}{2}$

$$\therefore \cos \theta = -\frac{1}{4} = \cos \left[\frac{2\pi}{3} \right] = -\frac{1}{4}$$

$$(2.) \tan C = -\sqrt{3} = \tan 150^\circ \Rightarrow C = 150^\circ$$

$$\rightarrow) \cos 180^\circ = -1 = \cos 180^\circ = -1$$

جواب) $\frac{2\pi}{c} = 120^\circ \rightarrow -\cos 120^\circ = \frac{1}{2} \Rightarrow \sin \alpha = \frac{1}{2} \Rightarrow \alpha = 30^\circ, \alpha = 150^\circ$

$$b) \quad \frac{11\pi}{4} = 3\pi + \frac{\pi}{4} \rightarrow -\cos \frac{\pi}{4} = -\frac{\sqrt{2}}{2} \Rightarrow \sin \alpha = -\frac{\sqrt{2}}{2} \Rightarrow \alpha = \frac{5\pi}{4}, \alpha = \frac{7\pi}{4}$$

$$\cos \frac{V_K}{f} = \cos 135^\circ = -1 \Rightarrow \cos \alpha = -1 \Rightarrow \alpha = 180^\circ$$

$$\therefore \cos 10^\circ = -\frac{\sqrt{e}}{1} \rightarrow \frac{\sqrt{e}}{1} = \sin \alpha \Rightarrow \alpha = 40^\circ, \alpha = 140^\circ$$