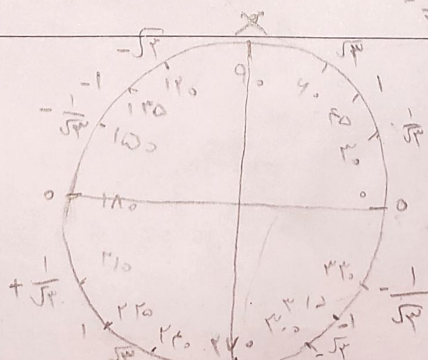
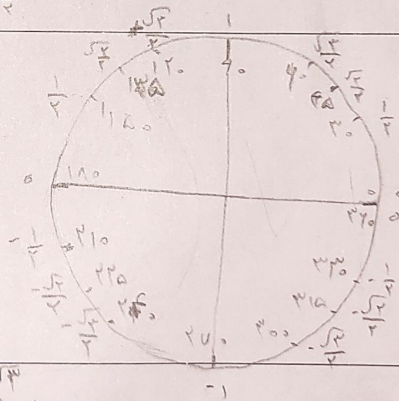
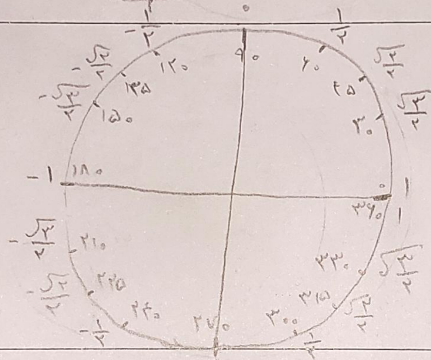
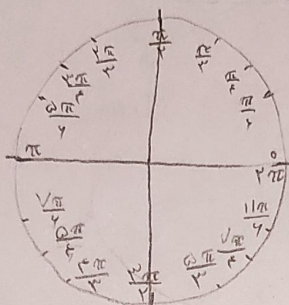
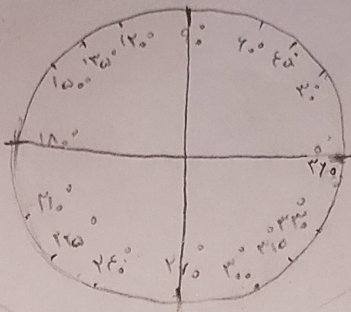
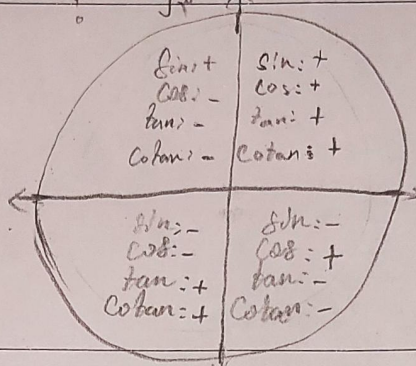
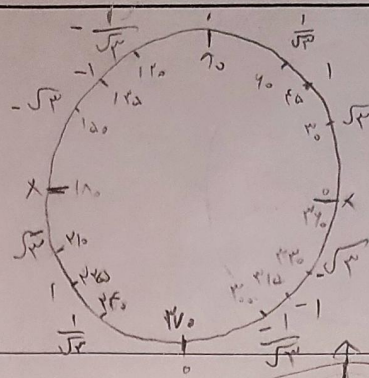


نام و نام خانوادگی آریستو سمنی ارجی پاسخنامه تشریحی تکلیف شماره ۲ کلاس ۳ دبیرستان ۱۳۹۸



$$\sin \frac{\pi}{4} = \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}}$$

$$\cos \frac{\pi}{4} = \frac{\sqrt{2}}{2} = \frac{\sqrt{2}}{2}$$



$$\begin{aligned}\sin 135^\circ &= \frac{\sqrt{2}}{2} \\ \cos 135^\circ &= -\frac{\sqrt{2}}{2} \\ \tan 135^\circ &= -1 \\ \cotan 135^\circ &= -1\end{aligned}$$

40 (الف)
210 (-)
100 (ب)
210 (ج)

$$\cos \frac{7\pi}{4} = \frac{1}{2} \rightarrow \frac{1}{2}$$

$$\cos \frac{11\pi}{4} = \frac{\sqrt{2}}{2} \rightarrow -\frac{\sqrt{2}}{2}$$

$$\frac{11\pi}{4} = \frac{7\pi}{4} + \frac{4\pi}{4} = \frac{7\pi}{4} + \pi$$

$$\frac{7\pi}{4} = \frac{7\pi}{4}$$

$$\cotan \frac{\sqrt{\pi}}{f} = -1 = \cos 135^\circ$$

$$\cos 135^\circ = -\frac{\sqrt{2}}{2} = \sin 45^\circ, 225^\circ$$

130 (الف)
200, 230 (-)