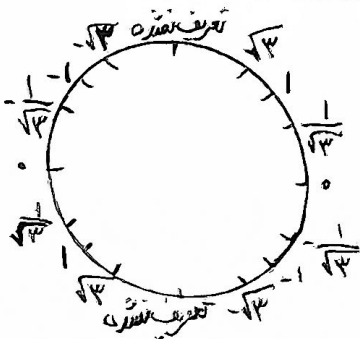
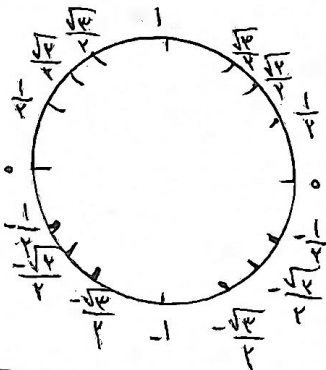
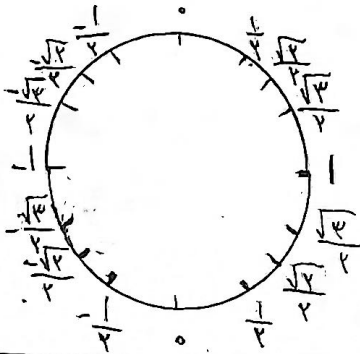
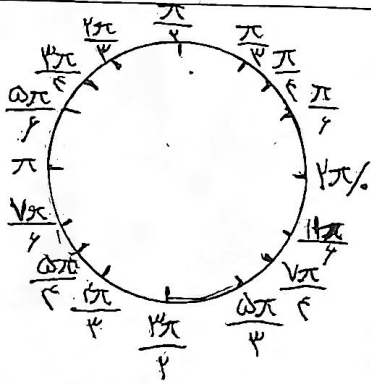
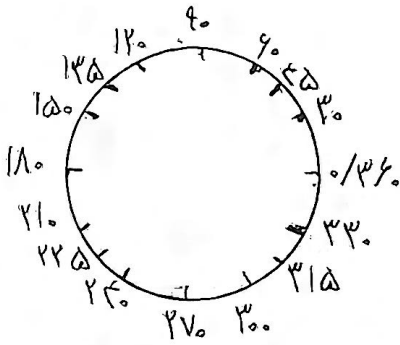
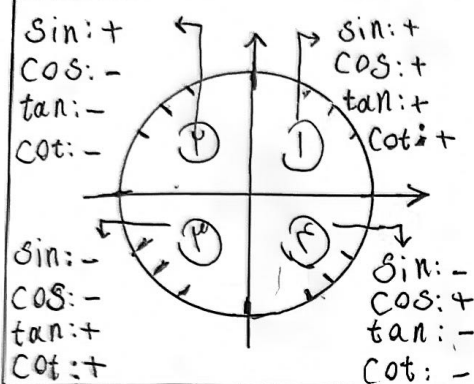
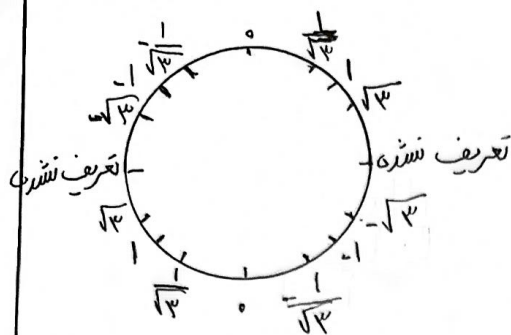


نام و نام خانوادگی

پاسخنامه تشریحی تکلیف شماره ۲ کلاس دهم دختر B



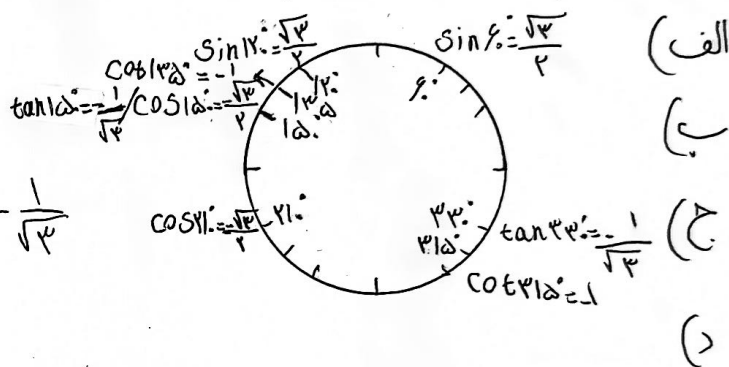


$$\sin 15^\circ = \frac{\sqrt{3}}{2} \Rightarrow \sin 75^\circ = \frac{\sqrt{3}}{2}$$

$$\cos 15^\circ = -\frac{\sqrt{3}}{2} \Rightarrow \cos 75^\circ = -\frac{\sqrt{3}}{2}$$

$$\tan 15^\circ = \frac{-\frac{1}{\sqrt{3}}}{\frac{\sqrt{3}}{2}} = -\frac{1}{3} \Rightarrow \tan 75^\circ = -\frac{1}{3}$$

$$\cot 15^\circ = \frac{-\frac{1}{\sqrt{3}}}{\frac{\sqrt{3}}{2}} = -1 \Rightarrow \cot 75^\circ = -1$$

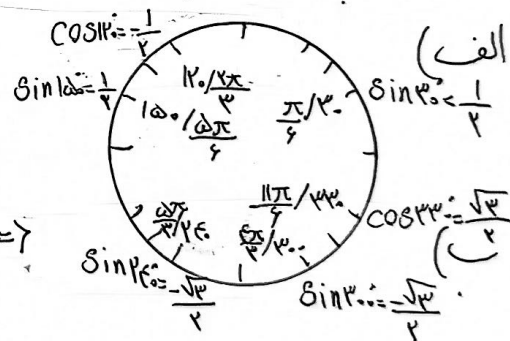


$$\cos \frac{2\pi}{3} = -\frac{1}{2} \Rightarrow \sin 120^\circ = \sin 60^\circ = \frac{1}{2} \Rightarrow$$

$$\sin \frac{5\pi}{6} = \sin \frac{\pi}{6} = \frac{1}{2}$$

$$\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \Rightarrow \sin 150^\circ = \sin 30^\circ = -\frac{\sqrt{3}}{2} \Rightarrow$$

$$\sin \frac{4\pi}{3} = \sin \frac{2\pi}{3} = -\frac{\sqrt{3}}{2}$$



$$\cot \frac{7\pi}{6} = \cot 210^\circ = -1 \Rightarrow \cos 150^\circ = -1$$

$$\cos 15^\circ = -\frac{\sqrt{3}}{2} \Rightarrow \frac{\sqrt{3}}{2} \Rightarrow \sin 75^\circ = \sin 15^\circ = \frac{\sqrt{3}}{2}$$

