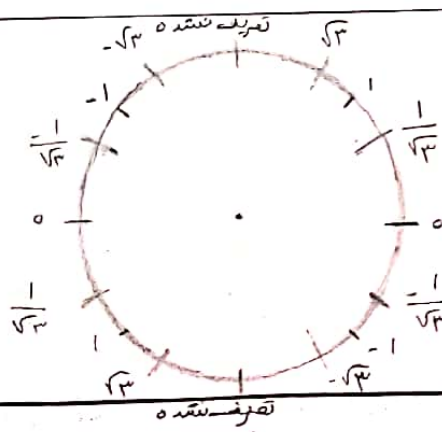
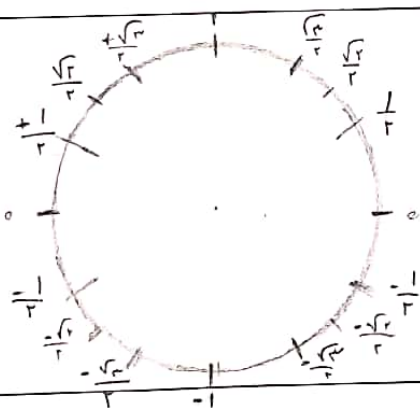
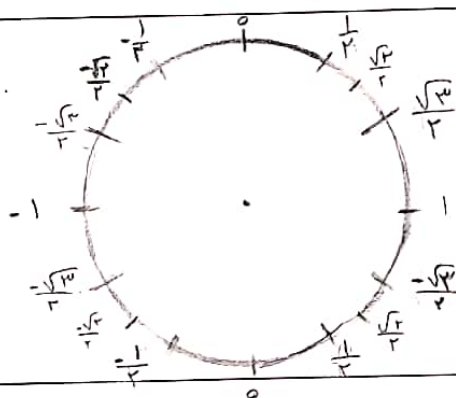
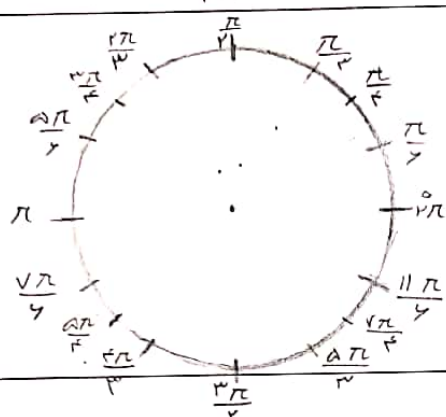
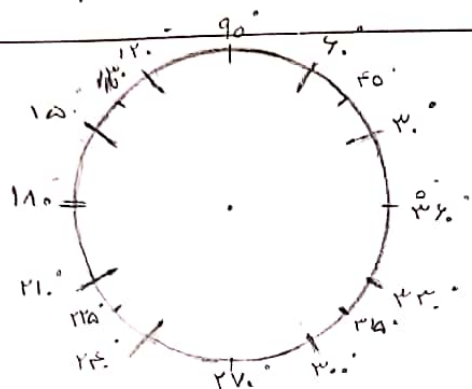
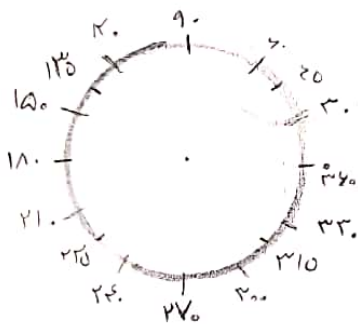
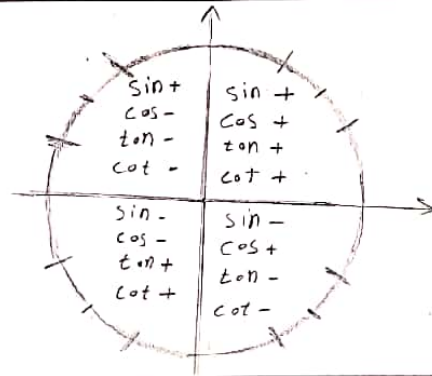
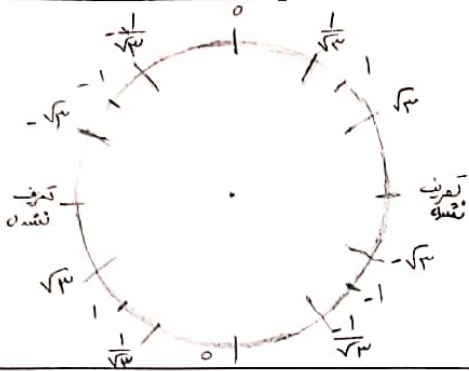


نام و نام خانوادگی آریا پاسخنامه تشریحی تکلیف شماره ۲ کلاس دهم دفتر B





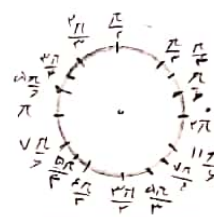
الف) 6°
ب) 21°
ج) 15°
د) 135°

$$\cos \frac{2\pi}{3} = -\frac{1}{2} \xrightarrow{\text{مربعين}} \frac{1}{2} \Rightarrow \sin \left\{ \frac{\pi}{6}, \frac{5\pi}{6} \right\} = \frac{1}{2}$$

الف) $\frac{\pi}{6}$ و $\frac{5\pi}{6}$

$$\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \xrightarrow{\text{مربعين}} -\frac{\sqrt{3}}{2} \Rightarrow \sin \left\{ \frac{2\pi}{3}, \frac{4\pi}{3} \right\} = \frac{\sqrt{3}}{2}$$

ب) $\frac{2\pi}{3}$ و $\frac{4\pi}{3}$



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

الف) 120°

$$\cos 120^\circ = -\frac{1}{2} \xrightarrow{\text{مربعين}} \frac{\sqrt{3}}{2} = \sin 60^\circ, 120^\circ$$

ب) 60° و 120°

