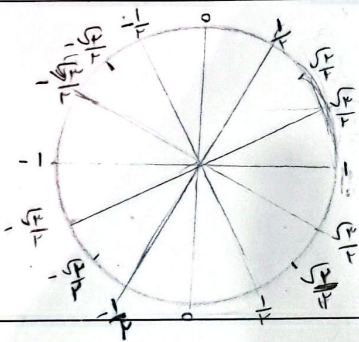
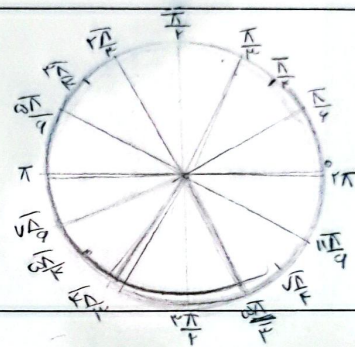
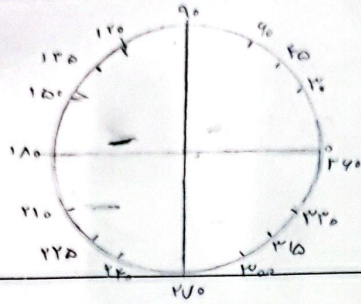
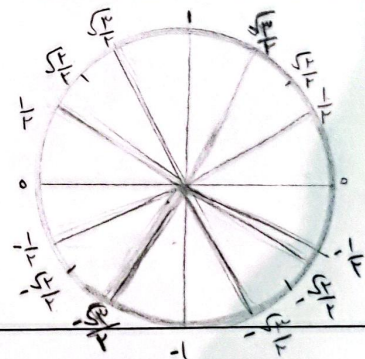


نام و نام خانوادگی کلاس شماره پاسخنمه تشریحی تکلیف شماره کلاس
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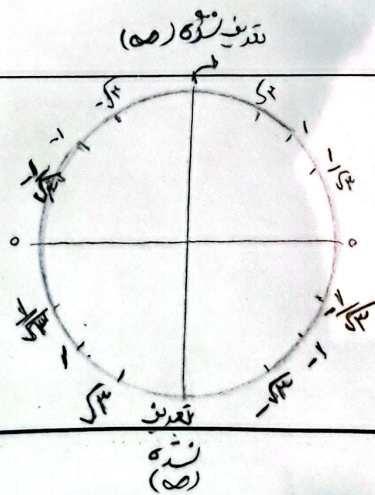


cos

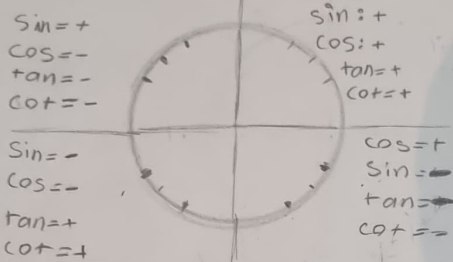
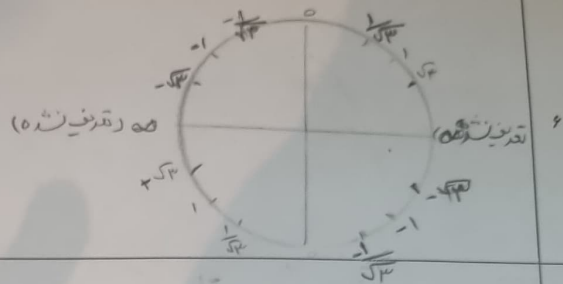
sin



$$\tan = \frac{\sin}{\cos}$$



$$\cot \theta = \frac{\cos}{\sin}$$



$$90^\circ \leftarrow \sin 120^\circ = \frac{\sqrt{3}}{2} \rightarrow \sin 40^\circ = \frac{\sqrt{3}}{2} \quad (\text{الف})$$

$$210^\circ \leftarrow \cos 150^\circ = -\frac{\sqrt{3}}{2} \rightarrow \sin 9^\circ = -\frac{\sqrt{3}}{2} \quad (\text{ب})$$

$$150^\circ \leftarrow \tan 135^\circ = -1 \rightarrow \tan 9^\circ = -\frac{1}{\sqrt{3}} \quad (\text{ج})$$

$$135^\circ \leftarrow \cot 135^\circ = -1 \rightarrow \cot 9^\circ = -1 \quad (\text{د})$$

$$\frac{4\pi}{3} = 120^\circ \quad \cos \frac{4\pi}{3} = -\frac{1}{2} \xrightarrow{\text{مقابلہ}} \sin 9^\circ = \frac{1}{2} \rightarrow 9^\circ = \frac{\pi}{6} \text{ ; } 9^\circ = \frac{5\pi}{6}$$

$$\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \xrightarrow{\text{مقابلہ}} -\frac{\sqrt{3}}{2} \rightarrow \sin 9^\circ = -\frac{\sqrt{3}}{2} \rightarrow 9^\circ = \frac{7\pi}{6} \text{ , } \frac{5\pi}{6}$$

$$\frac{\sqrt{3}}{2} = 120^\circ$$

$$\cot \frac{\sqrt{3}}{2} = -1 \rightarrow \cos \lambda = -1 \Rightarrow \lambda = 180^\circ = \pi$$

$$\cos 150^\circ = -\frac{\sqrt{3}}{2} \xrightarrow{\text{مقابلہ}} \frac{\sqrt{3}}{2} \rightarrow \sin \lambda = \frac{\sqrt{3}}{2} \Rightarrow \lambda = 60^\circ \text{ , } \lambda = 120^\circ$$

$$\frac{\pi}{3}$$

$$\frac{2\pi}{3}$$