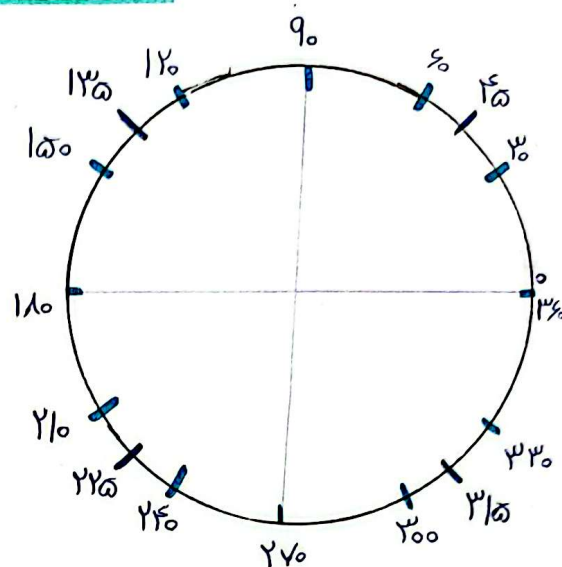
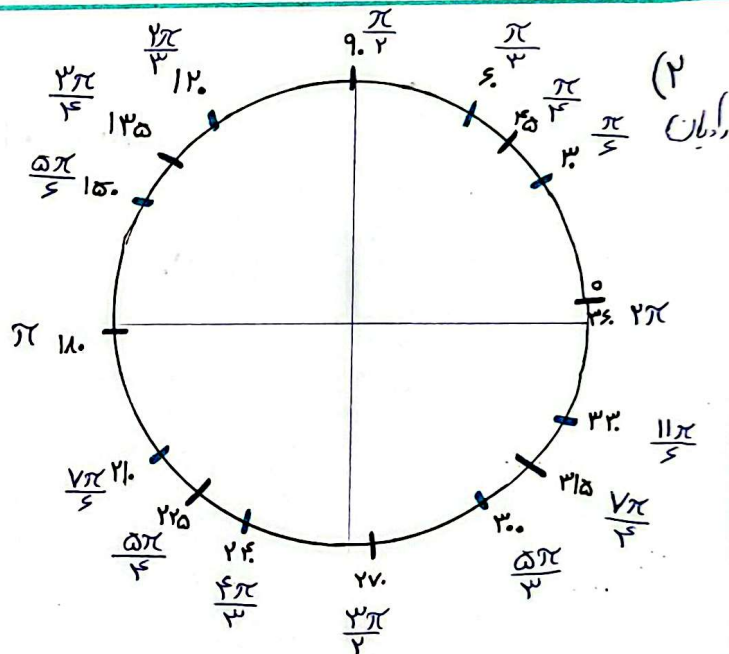
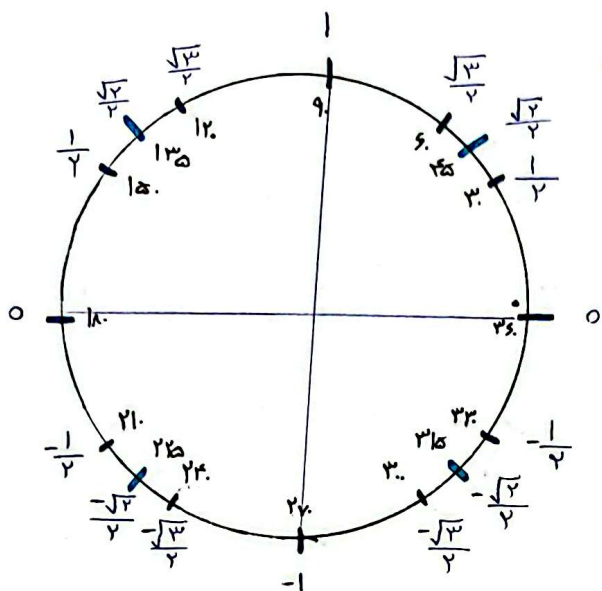


آرک سینوس: $\sin^{-1}$

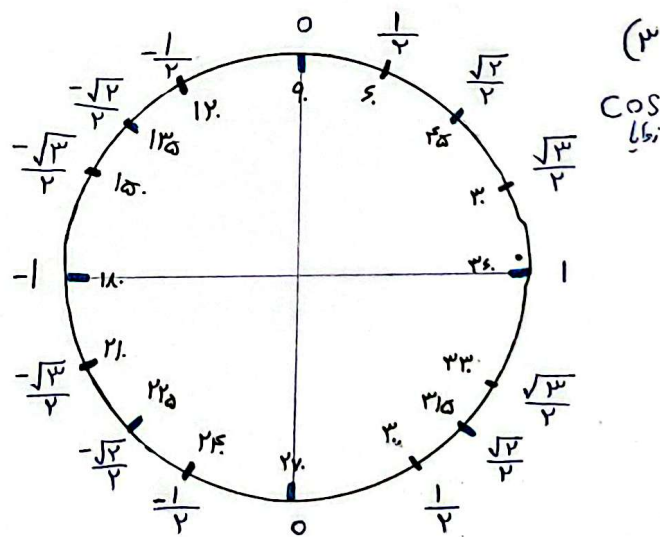
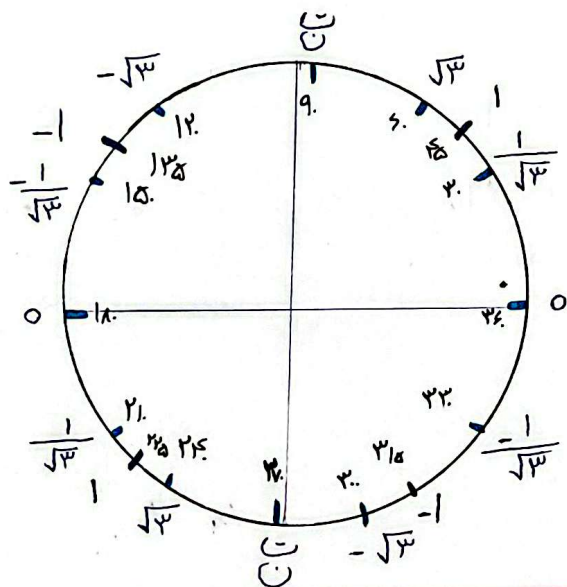
(1)
دایره



(1)
 $\sin$

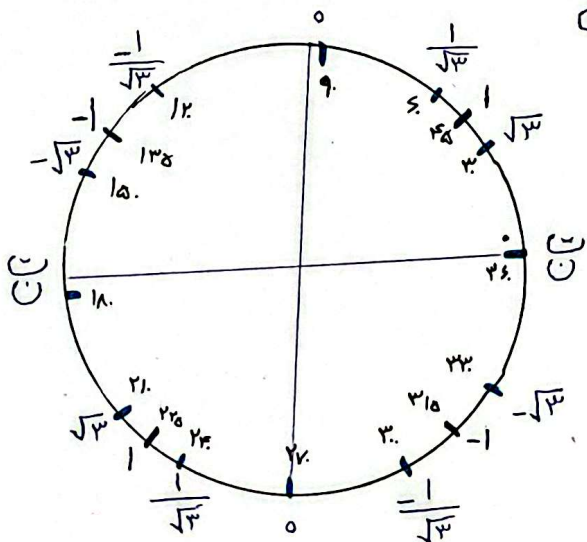


(2)
 $\tan$



(3)
 $\cos$

(4)
 $\cot$



(۹)

$$\cos \frac{2\pi}{3} \rightarrow 120^\circ \rightarrow -\frac{1}{2}$$

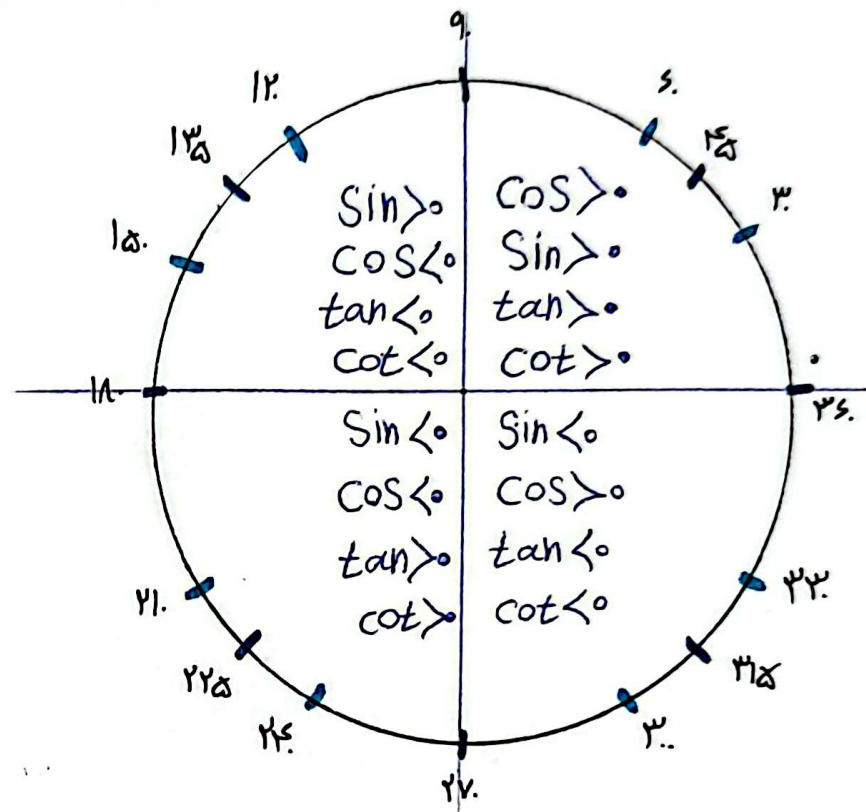
مقدار $\frac{1}{2}$

الف) $\frac{\pi}{3}$ و $\frac{5\pi}{3}$

$$\cos \frac{11\pi}{3} \rightarrow 330^\circ \rightarrow \frac{\sqrt{3}}{2}$$

مقدار $\frac{\sqrt{3}}{2}$

ب) $\frac{5\pi}{3}$ و $\frac{1\pi}{3}$



(۱۰)

$$\cot \frac{7\pi}{4} \rightarrow 315^\circ \rightarrow -1$$

الف) 120°

$$\cos 120^\circ \rightarrow -\frac{1}{2}$$

مقدار $\frac{1}{2}$

ب) 60° و 300°

(۱۱)

ج) 150° « $-\frac{1}{\sqrt{3}}$ »

الف) 60° « $\frac{\sqrt{3}}{2}$ »

د) 315° « -1 »

ب) 210° « $-\frac{\sqrt{3}}{2}$ »