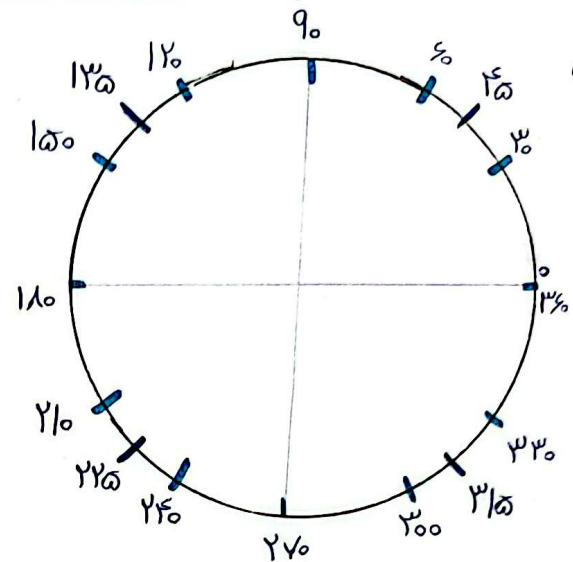


آرک سینوس: $\sin^{-1}$

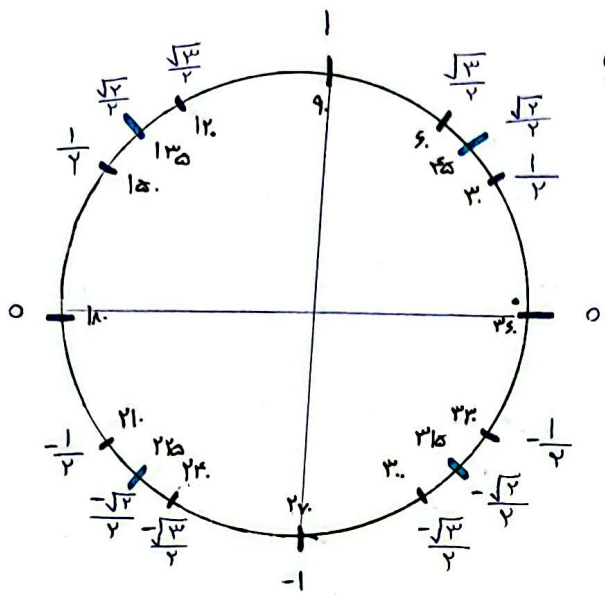
۲۰

(۱)
دایره



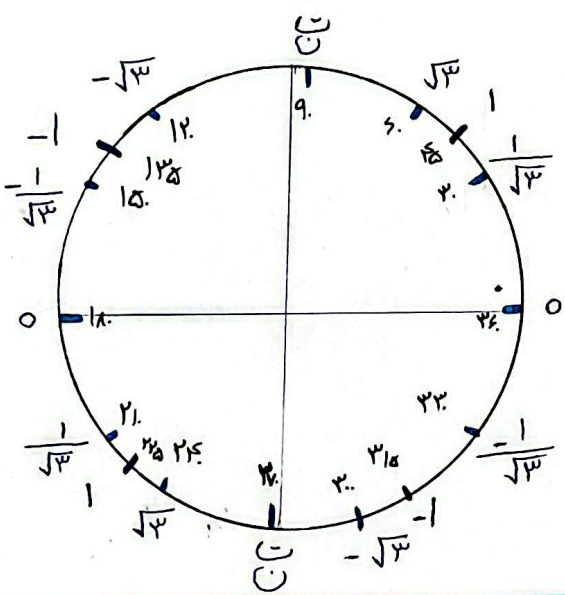
(۲)

(۱۴)
 $\sin$



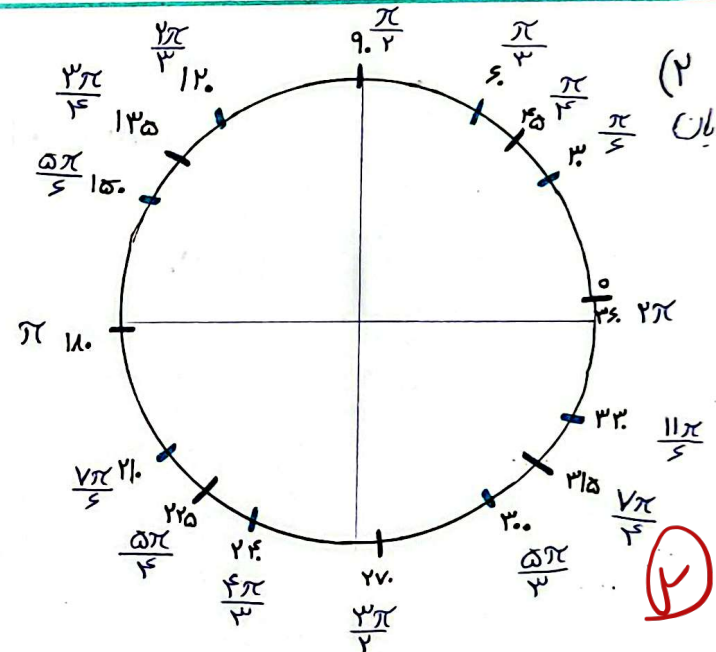
(۲)

(۱۵)
 $\tan$



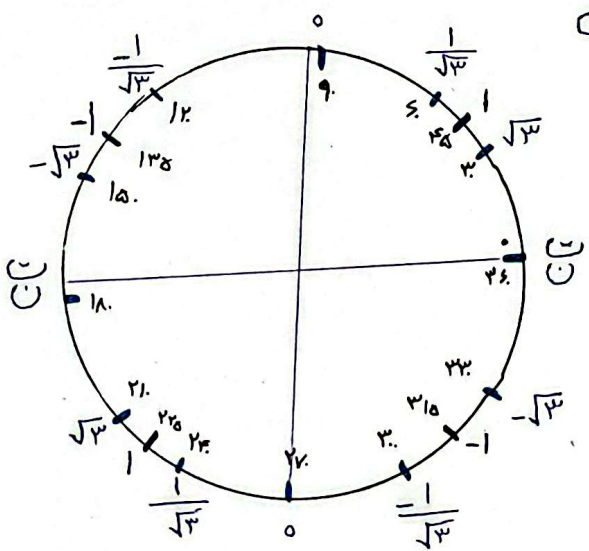
(۲)

(۲)
دایره



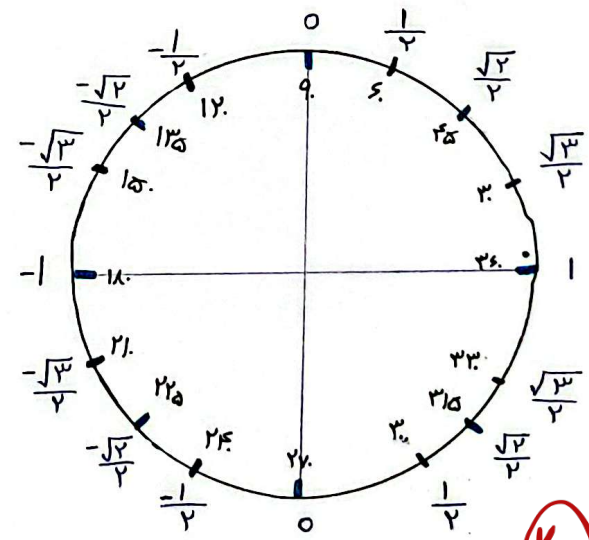
(۲)

(۱۶)
 $\cot$



(۲)

(۳)
 $\cos$

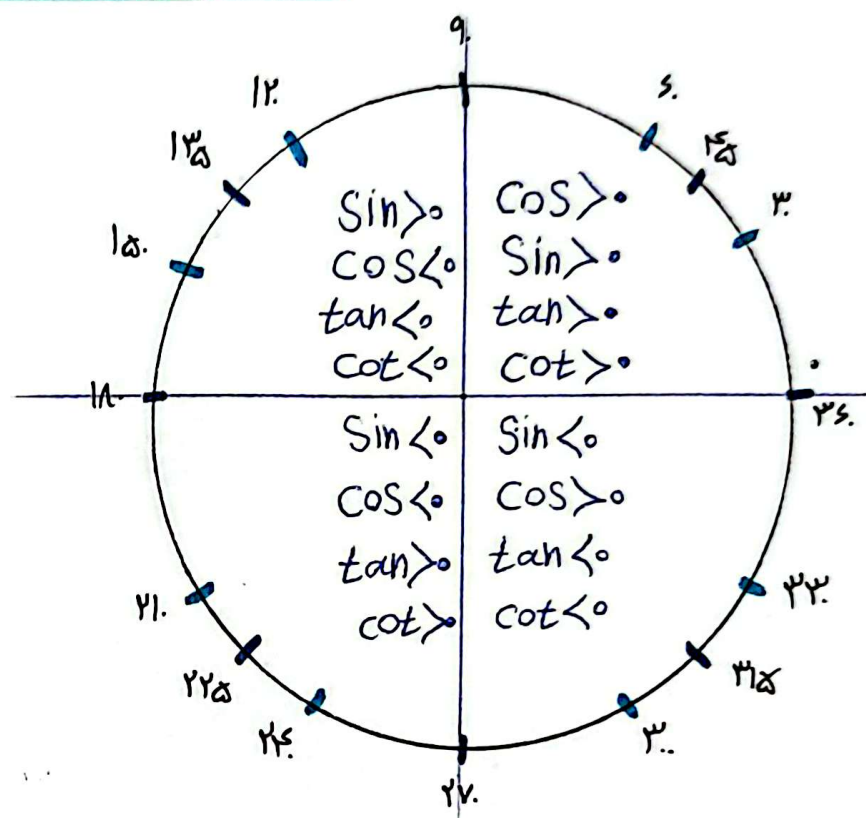


(۲)

آرام ضربان دهم دختر A

(۷)

(۲)



(۹)

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

$$\cos \frac{2\pi}{5} \rightarrow 72^\circ \rightarrow \frac{1}{2}$$

$$\cos \frac{11\pi}{5} \rightarrow 396^\circ \rightarrow \frac{\sqrt{3}}{2}$$

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

(۲)

(۲)

(۱)

الف) 180°

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

$$\cos 150^\circ \rightarrow -\frac{\sqrt{3}}{2}$$

ب) 60° و 120°

$$\left\langle \frac{-1}{\sqrt{3}} \right\rangle 150^\circ$$

$$\left\langle -1 \right\rangle 315^\circ$$

$$\left\langle \frac{\sqrt{3}}{2} \right\rangle 60^\circ$$

$$\left\langle -\frac{\sqrt{3}}{2} \right\rangle 240^\circ$$