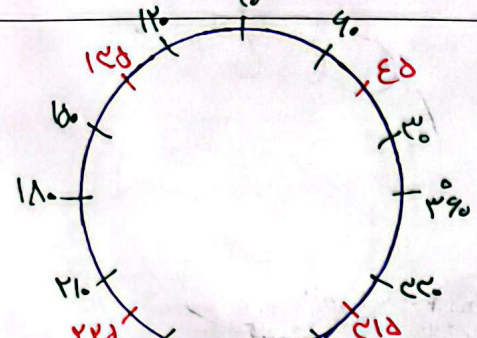
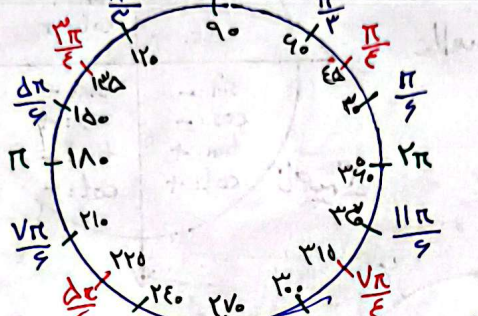
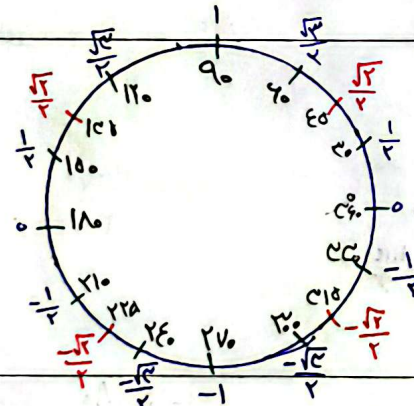
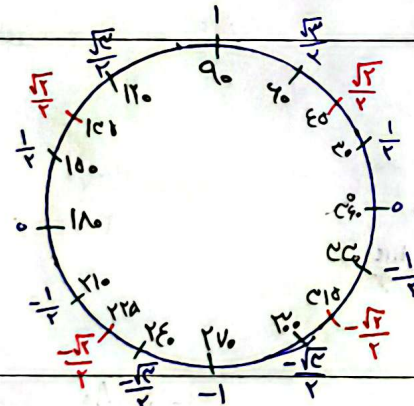
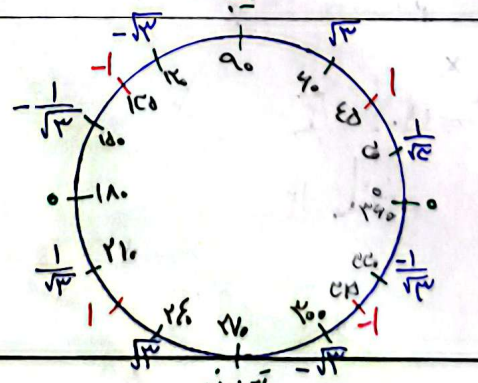
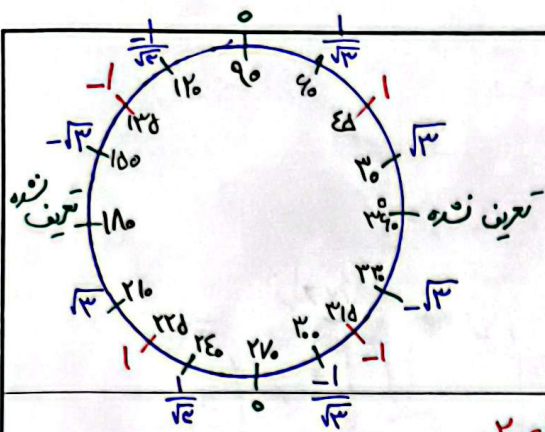


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cos 	۳
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tan 	۵

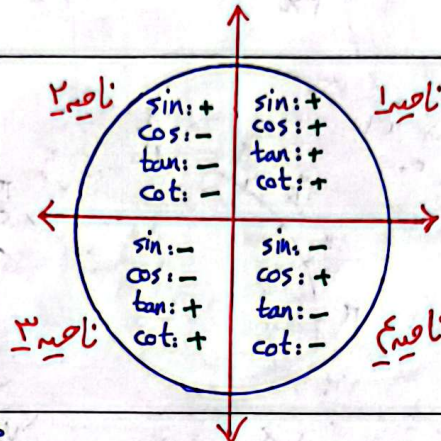


cot

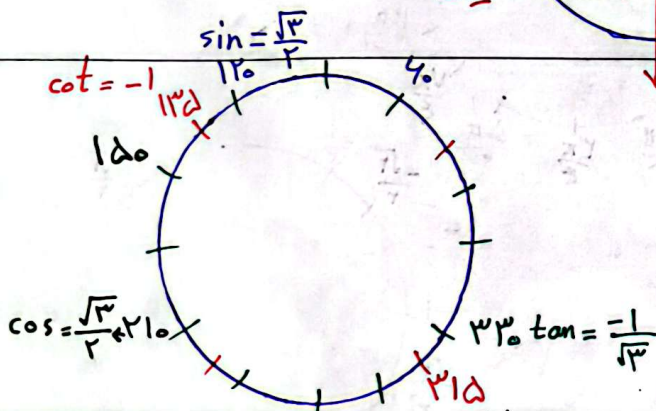
۶

sin
cos
tan
cot

علامت های



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الف) ۶۰

ب) ۲۱۰

ج) ۱۵۰

د) ۳۱۵

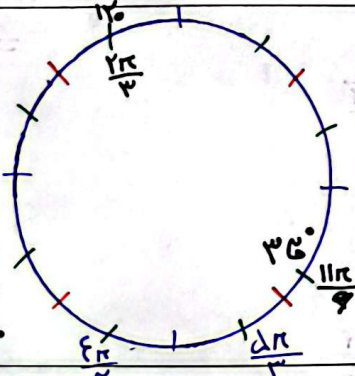
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$$\cos \frac{2\pi}{3} = -\frac{1}{2} \rightarrow \frac{2\pi}{3}$$

$$\sin x = \frac{+1}{2} \Rightarrow x \rightarrow 30^\circ, 150^\circ$$

$$\cos \frac{11\pi}{9} = -\frac{\sqrt{3}}{2} \rightarrow \frac{11\pi}{9}$$

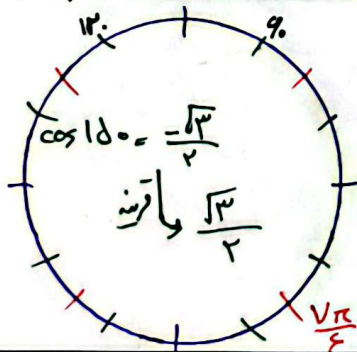
$$\sin y = -\frac{\sqrt{2}}{2} \Rightarrow y \rightarrow 225^\circ, 315^\circ$$



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

ب) $\frac{4\pi}{3}$ و $\frac{5\pi}{3}$

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الف) $\cos 150^\circ$

ب) $\sin 120^\circ$ و $\sin 60^\circ$

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$$\frac{\sqrt{2}}{2} \rightarrow \cot = \frac{-\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = -1$$