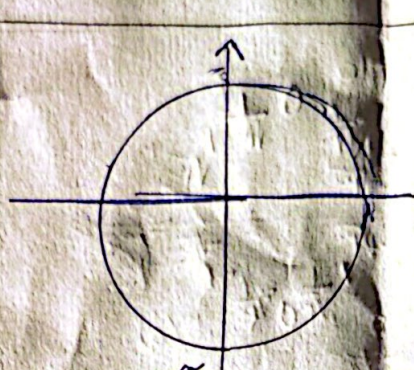
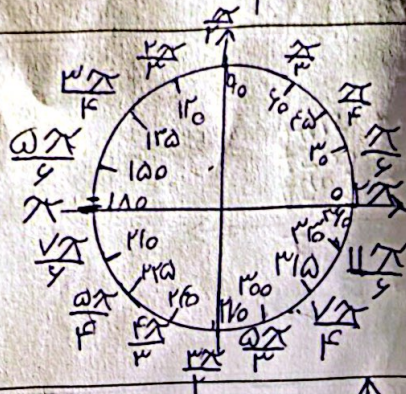
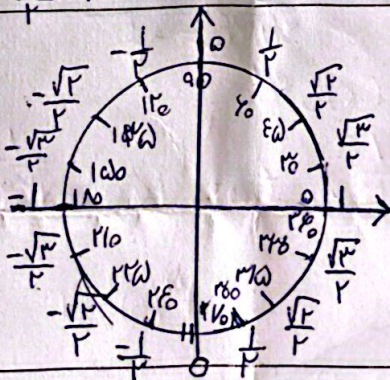




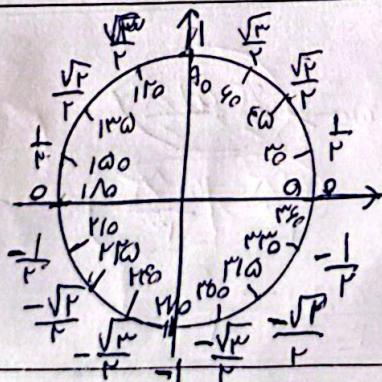
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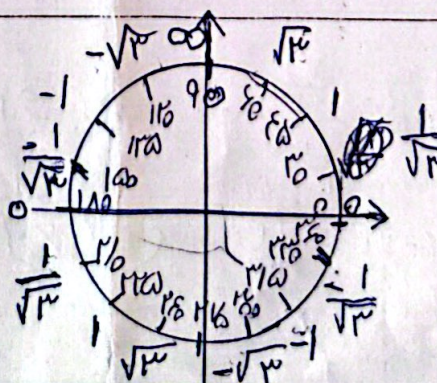
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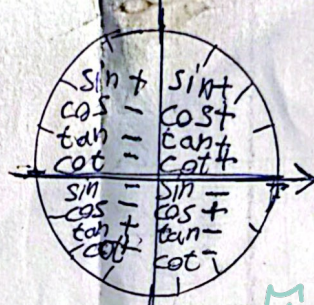
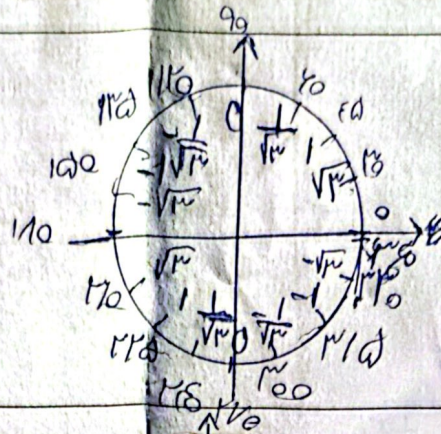
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$\sin 110^\circ = \frac{1}{2}$ $\sin 110^\circ = -\frac{1}{2}$ $\sin 110^\circ = -\frac{1}{2}$ $\sin 110^\circ = \frac{1}{2}$ (الف) $\sin 110^\circ = \frac{1}{2}$
 $\cos 110^\circ = \frac{1}{2}$ $\cos 110^\circ = -\frac{1}{2}$ $\cos 110^\circ = -\frac{1}{2}$ $\cos 110^\circ = \frac{1}{2}$ (ب) $\cos 110^\circ = -\frac{1}{2}$
 $\tan 110^\circ = \frac{1}{\sqrt{3}}$ $\tan 110^\circ = -\frac{1}{\sqrt{3}}$ $\tan 110^\circ = -\frac{1}{\sqrt{3}}$ $\tan 110^\circ = \frac{1}{\sqrt{3}}$ (ج) $\tan 110^\circ = -\frac{1}{\sqrt{3}}$
 $\cot 110^\circ = -1$ $\cot 110^\circ = -1$ $\cot 110^\circ = -1$ $\cot 110^\circ = -1$ (د) $\cot 110^\circ = -1$

الف) $\cos \frac{11\pi}{6} = \cos 110^\circ = \frac{1}{2}$
 $-\cos \frac{11\pi}{6} = -\cos 110^\circ = -(\frac{1}{2}) = -\frac{1}{2}$ $\frac{1}{2} = \sin 110^\circ, 110^\circ \rightarrow (\frac{\pi}{6}, \frac{5\pi}{6})$
 $-\cos \frac{11\pi}{6} = -\cos 110^\circ = -\frac{\sqrt{3}}{2}$ $(\frac{5\pi}{6}, \frac{2\pi}{3})$
 $\sin(110^\circ, 110^\circ) = \frac{\sqrt{3}}{2} \rightarrow \sin(\frac{5\pi}{6}, \frac{2\pi}{3}) = -\frac{\sqrt{3}}{2}$

الف) $\cot \frac{11\pi}{6} = \frac{\cos 110^\circ}{\sin 110^\circ} = \frac{\frac{1}{2}}{\frac{\sqrt{3}}{2}} = \frac{1}{\sqrt{3}} \rightarrow \cos 110^\circ = -1$ (110°)
 ب) $-\cos 110^\circ = -(-\frac{\sqrt{3}}{2}) = \frac{\sqrt{3}}{2}$ $(110^\circ, 110^\circ)$
 $\sin 110^\circ = \frac{\sqrt{3}}{2}$