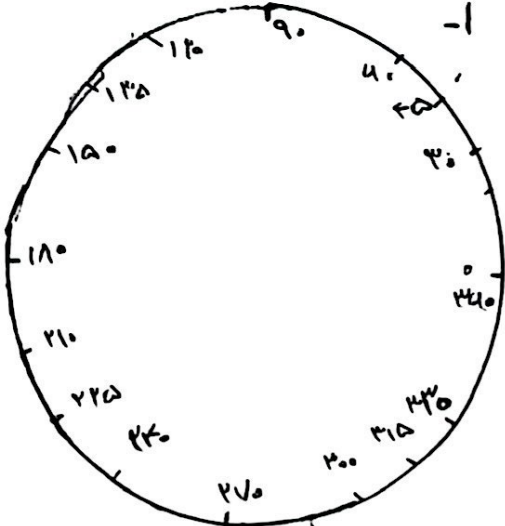
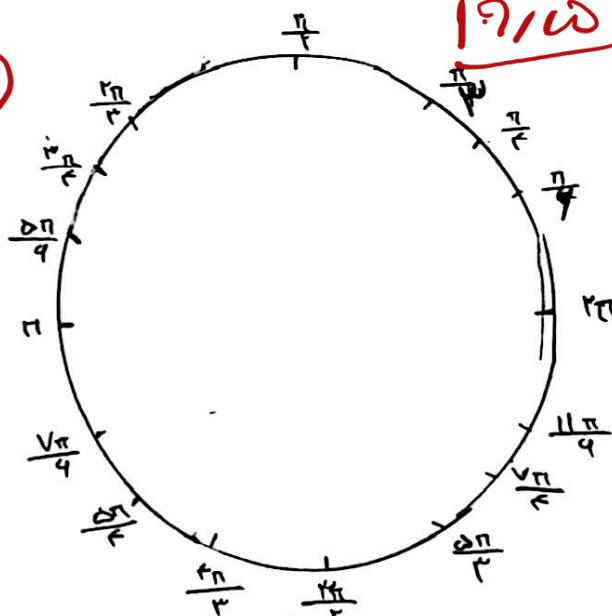


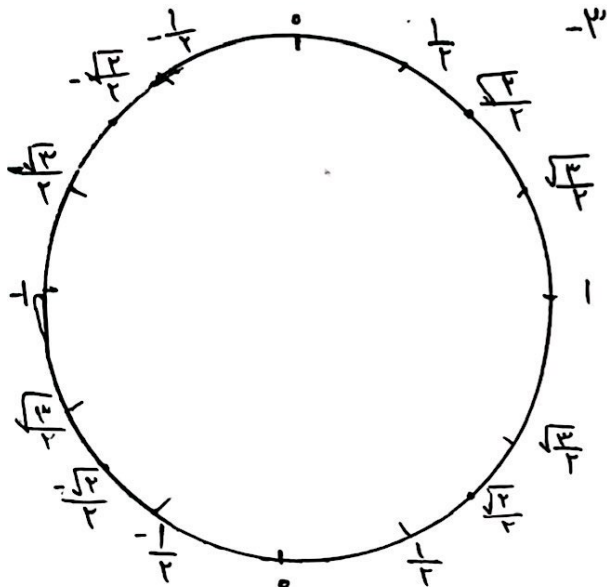


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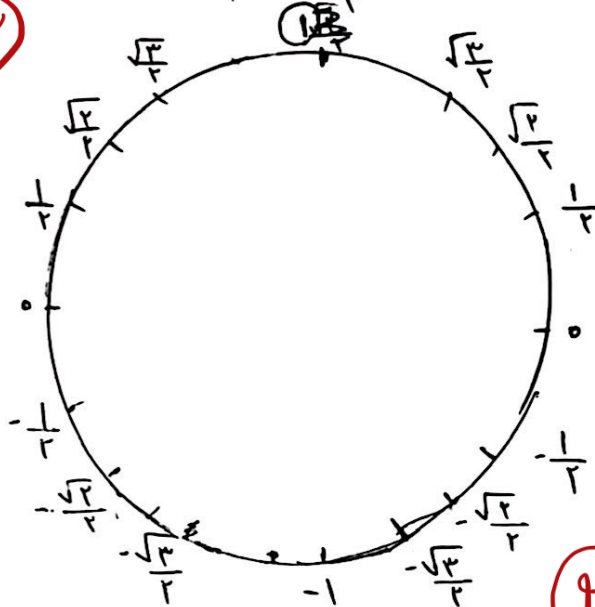


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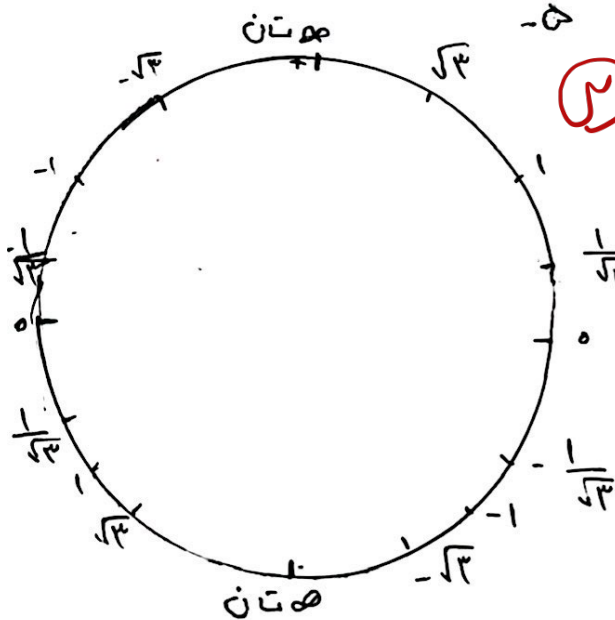
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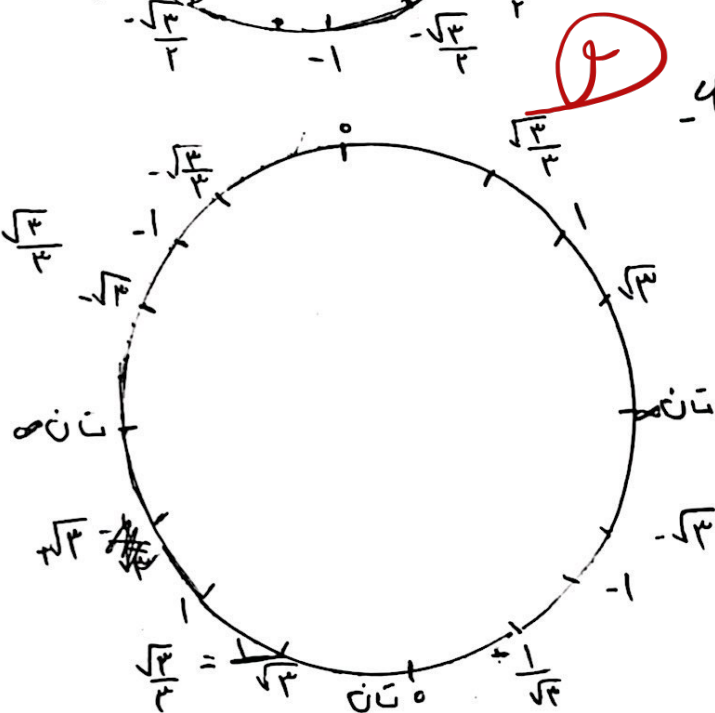
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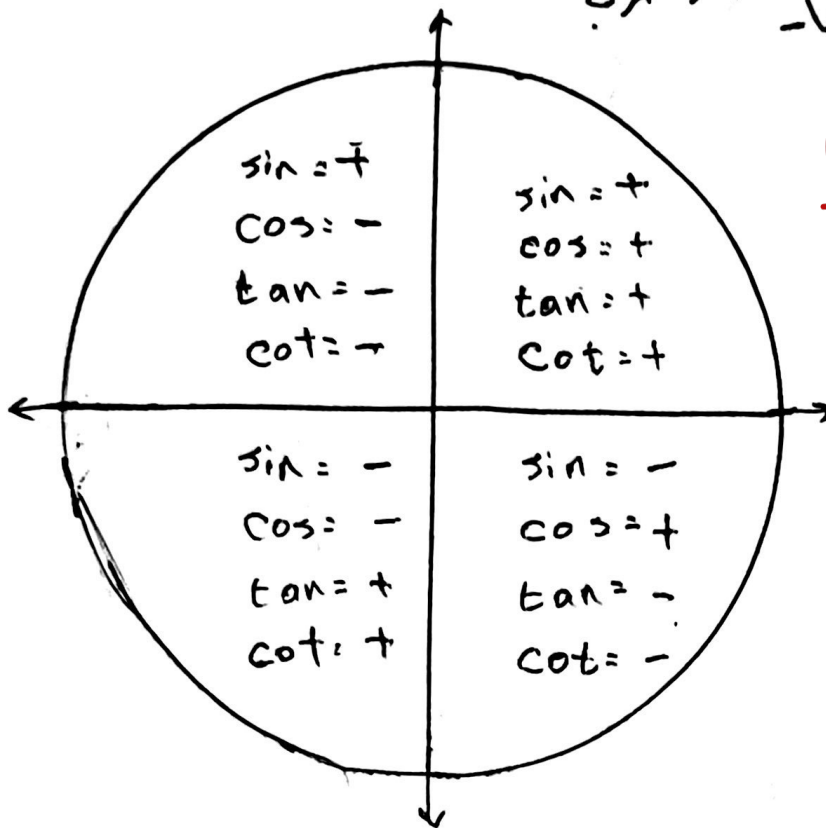


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نمبر سترجي - ٧



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- الف) $\sin 120^\circ = \frac{\sqrt{3}}{2} \rightarrow 40^\circ$
- ب) $\cos 150^\circ = -\frac{\sqrt{3}}{2} \rightarrow 210^\circ$
- ج) $\tan 330^\circ = -\frac{1}{\sqrt{3}} \rightarrow 150^\circ$
- د) $\cot \rightarrow 135^\circ \rightarrow -1 \rightarrow 315^\circ$

سوال ٨

٥

الف) $\cos \frac{2\pi}{3} \rightarrow -\frac{1}{2} \xrightarrow{\text{قرینه}} \frac{1}{2} \rightarrow \frac{\pi}{3}, \frac{5\pi}{3}$

ب) $\cos \frac{11\pi}{4} \xrightarrow{\text{قرینه}} -\frac{\sqrt{3}}{2} \rightarrow \frac{4\pi}{3}, \frac{5\pi}{4}$

٥

سوال ٩

الف) $\cot \frac{7\pi}{4} \rightarrow \frac{\sqrt{2}}{2} = 1 \rightarrow \cos 135^\circ$

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سوال ١٠

ب) $\cos 150^\circ \xrightarrow{\text{قرینه}} \frac{\sqrt{3}}{2} \rightarrow 40^\circ, 120^\circ$