

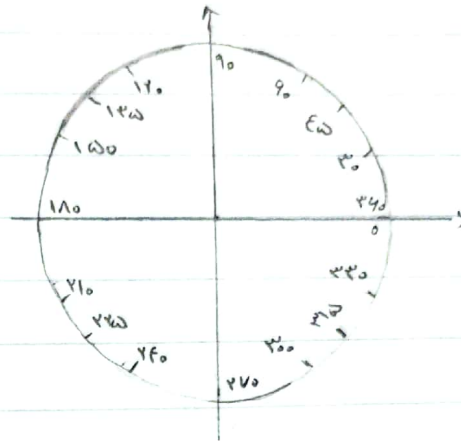
subject

Year Month Date

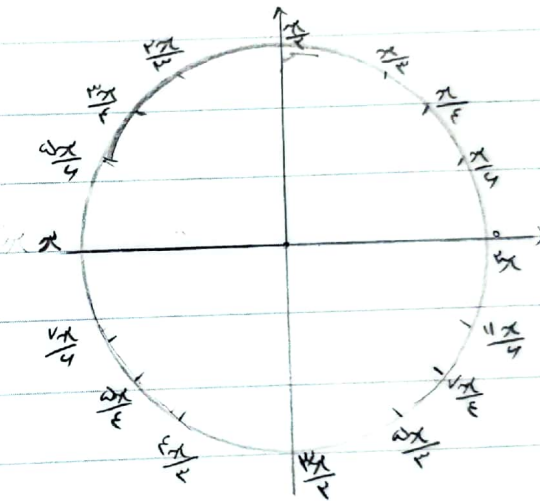
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دسم پنجم کرده

آرمینا کبیری

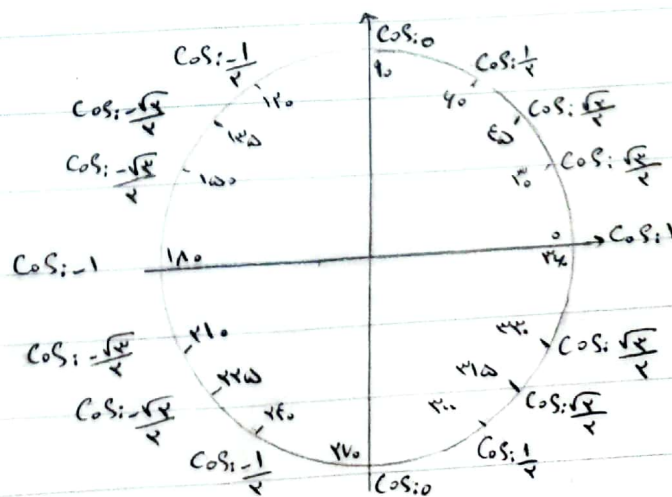


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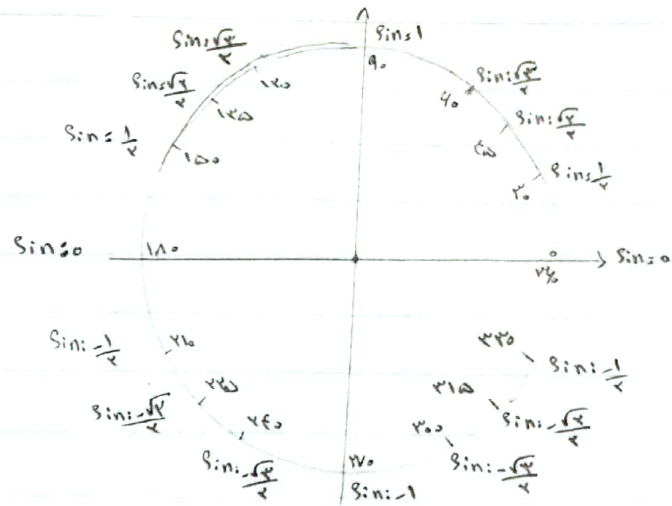
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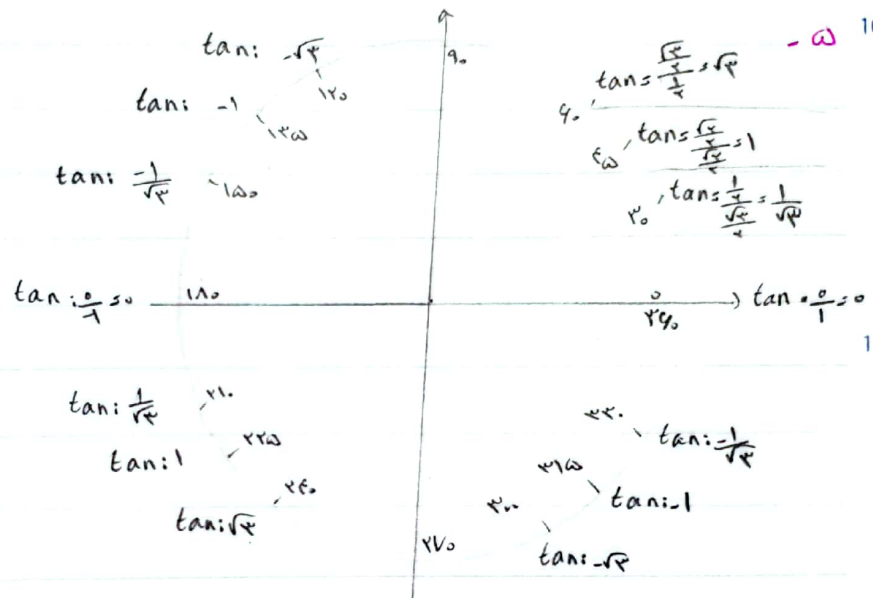
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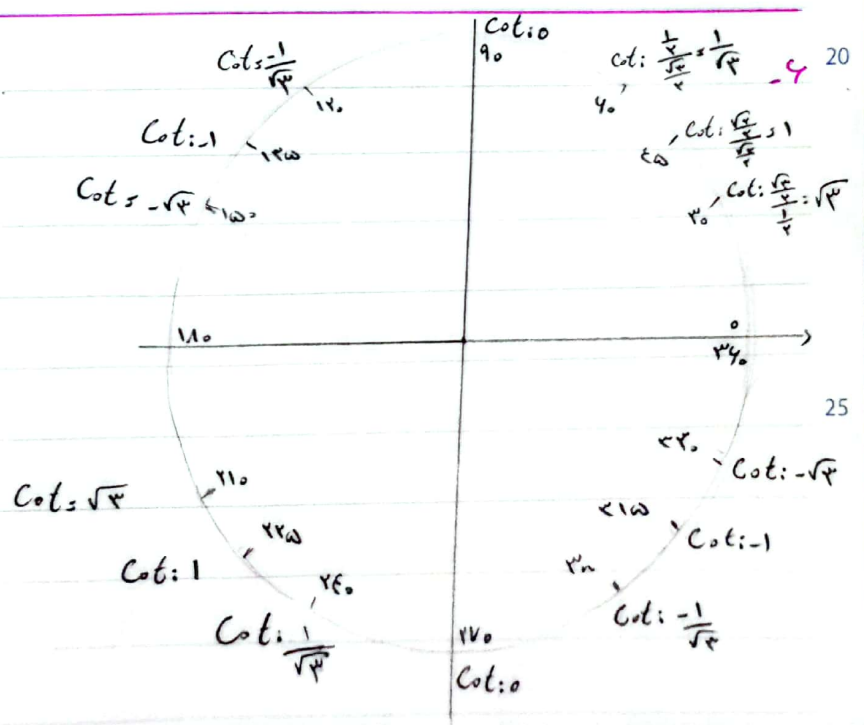
5

$$\tan \frac{\sin}{\cos}$$

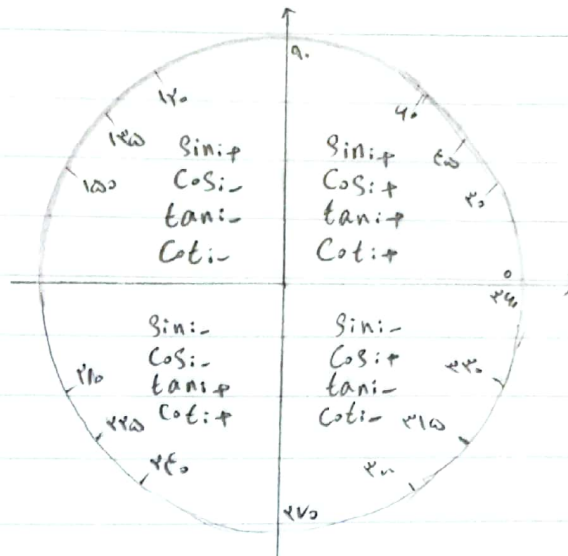


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$$\cot \frac{\cos}{\sin}$$



25



$$\sin 135^\circ = \frac{\sqrt{2}}{2} \rightarrow \sin 45^\circ = \frac{\sqrt{2}}{2}$$

الف (أ) ٩٠°

$$\cos 135^\circ = -\frac{\sqrt{2}}{2} \rightarrow \cos 45^\circ = \frac{\sqrt{2}}{2}$$

ب (ب) ٩٠°

$$\tan 135^\circ = \frac{\sin}{\cos} = \frac{\frac{\sqrt{2}}{2}}{-\frac{\sqrt{2}}{2}} = -1$$

ج (ج) ٩٠°

$$\rightarrow \tan 135^\circ = \frac{\sin}{\cos} = \frac{\frac{\sqrt{2}}{2}}{-\frac{\sqrt{2}}{2}} = -1$$

$$\cot 135^\circ = \frac{\cos}{\sin} = \frac{-\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = -1 \rightarrow \cot 45^\circ = 1$$

$$\cos \frac{3\pi}{4} = -\frac{1}{2} \rightarrow \sin \frac{\pi}{4} = \frac{1}{2}$$

الف (أ) ٩٠°

$$\cos \frac{11\pi}{4} = \frac{\sqrt{2}}{2} \rightarrow \sin \frac{3\pi}{4} = \frac{\sqrt{2}}{2}$$

ب (ب) ٩٠°

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

الف (أ) ٩٠°

$$\cos 135^\circ = -\frac{\sqrt{2}}{2} \rightarrow \sin 45^\circ = \frac{\sqrt{2}}{2}$$

ب (ب) ٩٠°