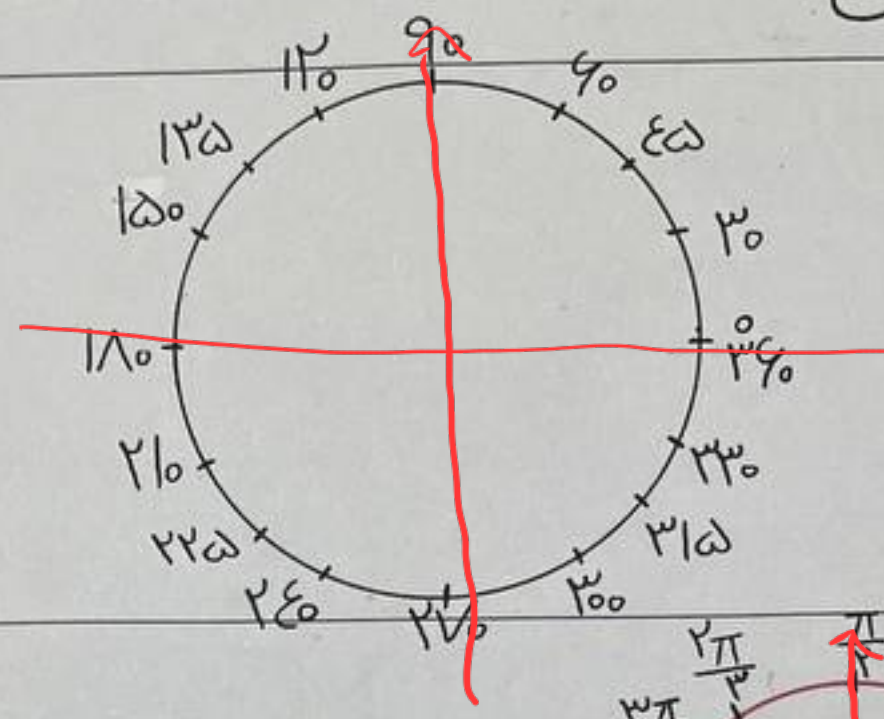
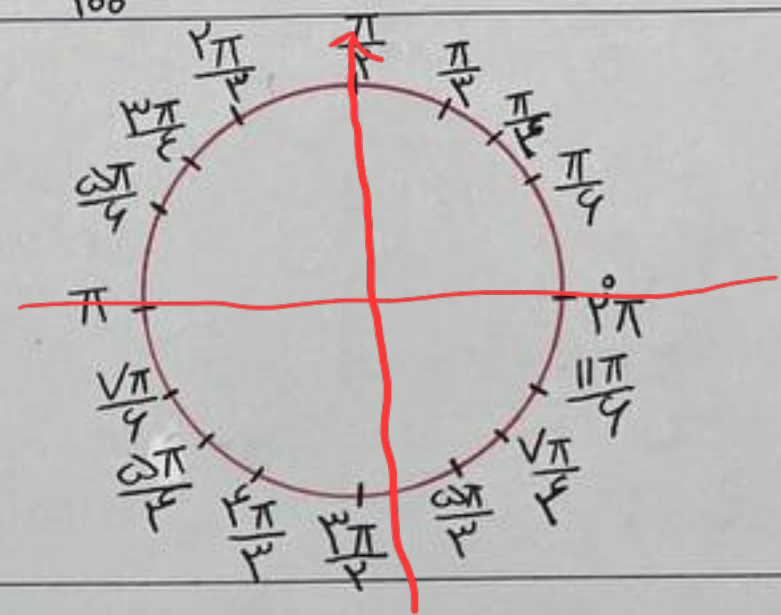


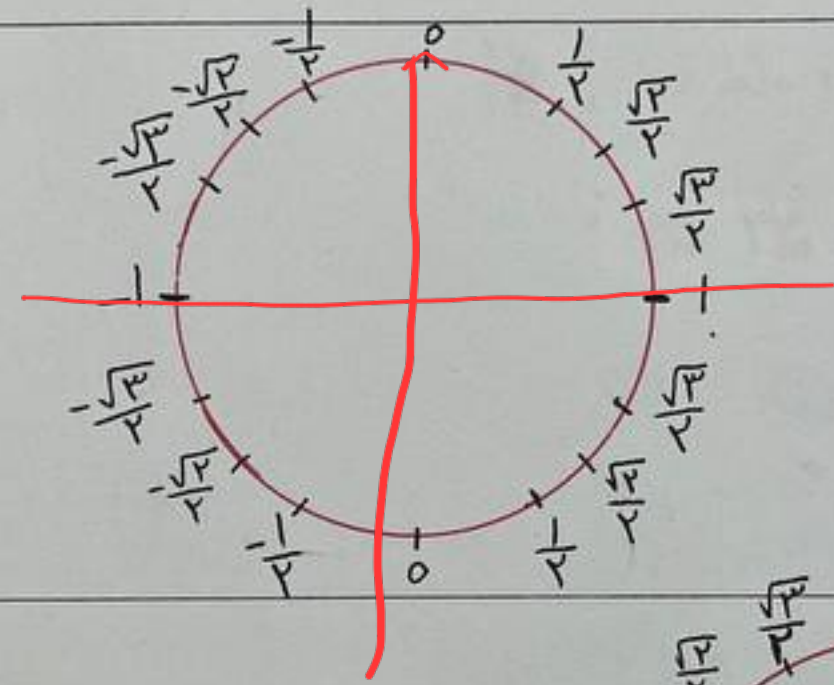
۱۷,۵



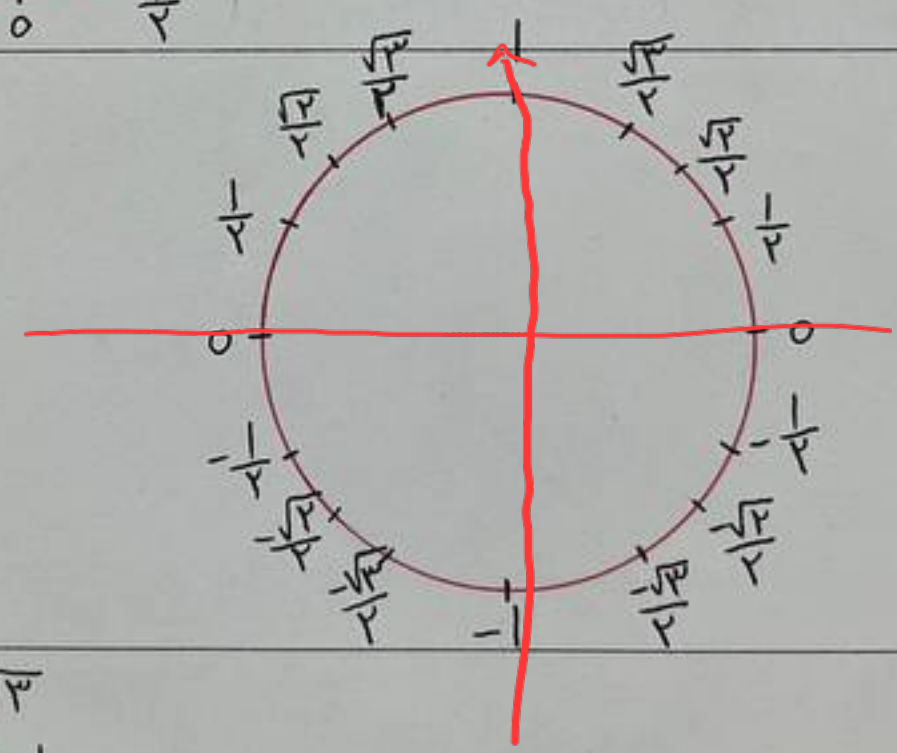
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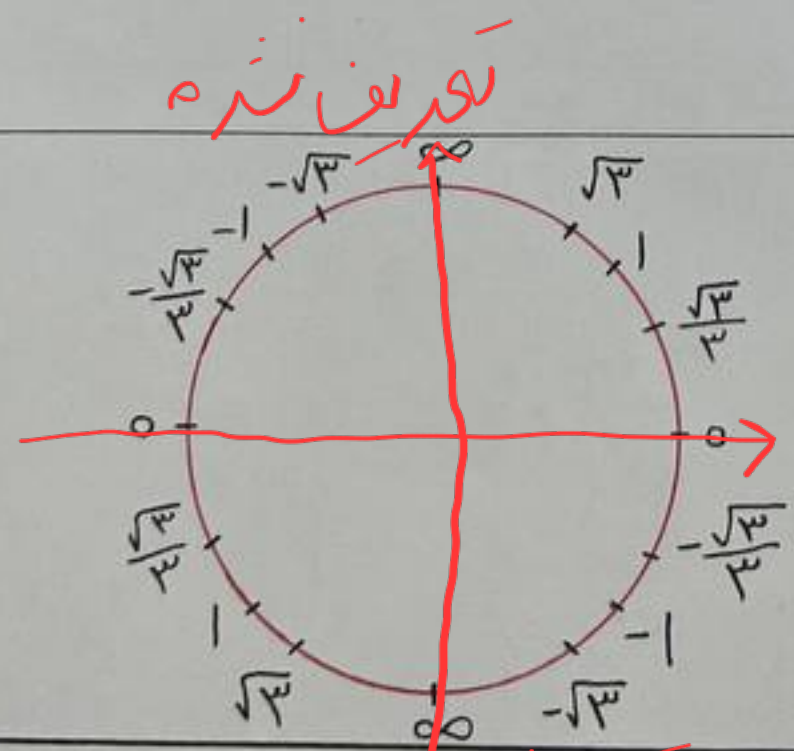
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۱,۱۷۵



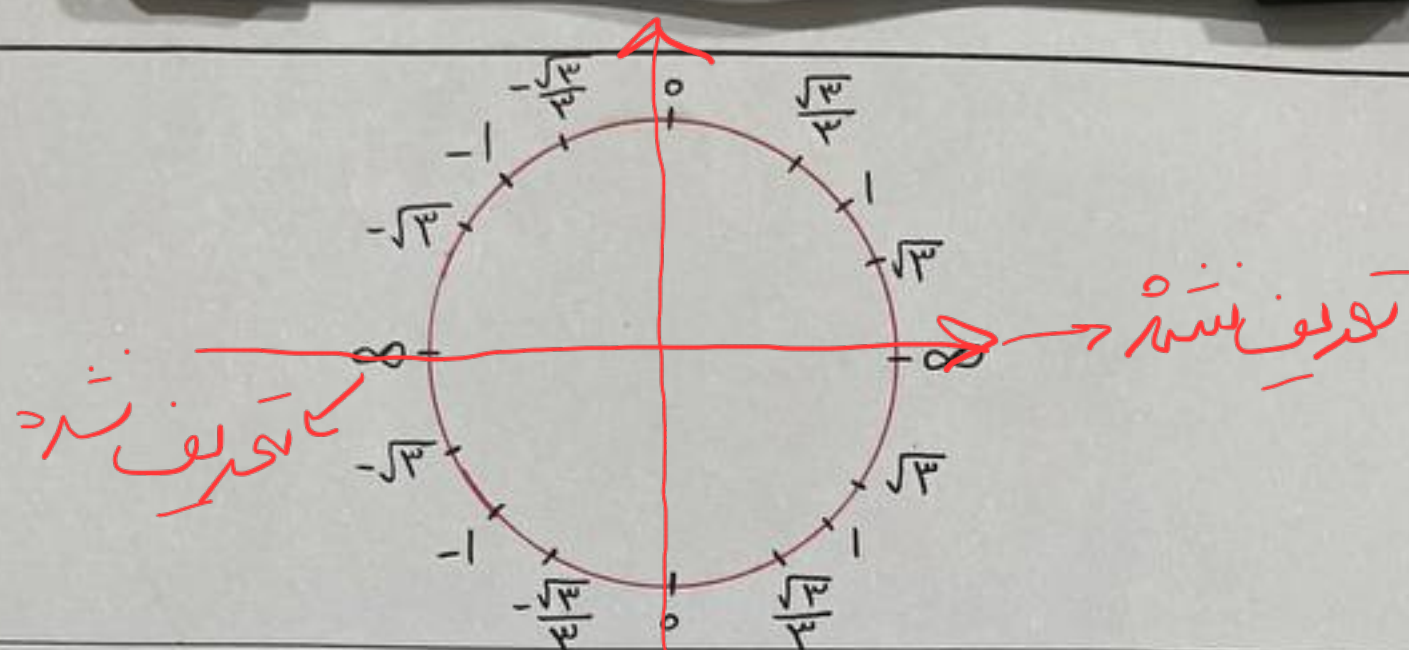
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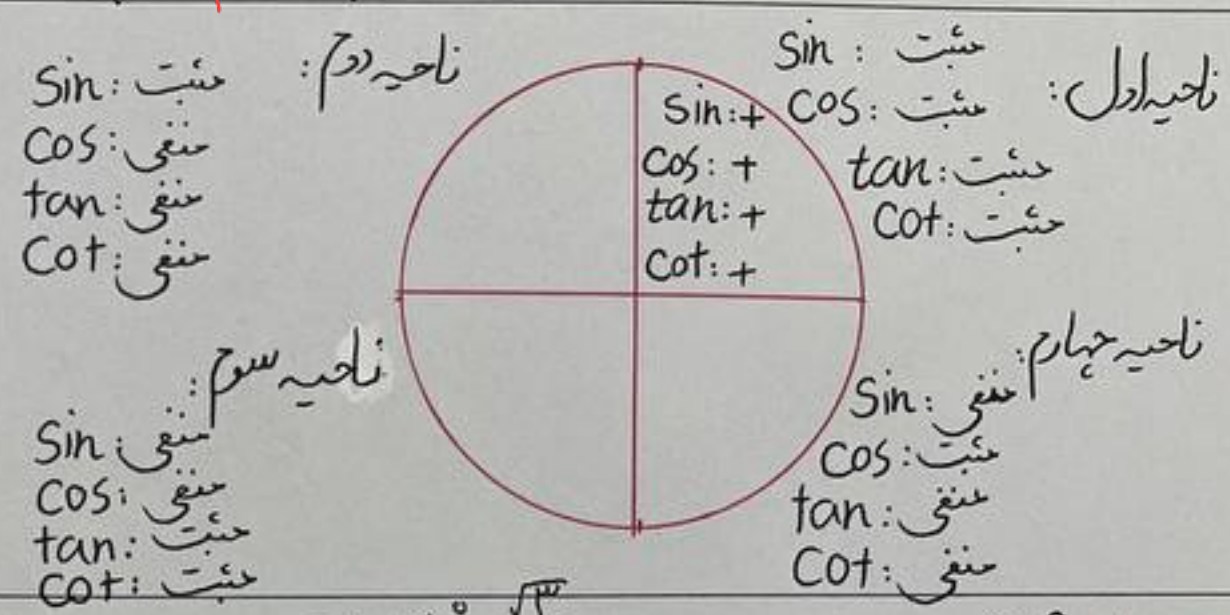
۱,۲۵۵

تعریف شده

تعریف شده



۱, ۲, ۵



۲

$\sin 120^\circ = \frac{\sqrt{3}}{2}$ الف) 90°
 $\cos 150^\circ = -\frac{\sqrt{3}}{2}$ ب) 210°
 $\tan 330^\circ = -\frac{\sqrt{3}}{3}$ ج) 150°
 $\cot 135^\circ = -1$ د) 315°

۸

$\cos \frac{2\pi}{3} = -\frac{1}{2}$ الف) $\frac{\pi}{6}, \frac{5\pi}{6}$
 $-\cos \frac{2\pi}{3} = \frac{1}{2}$ ب) $\frac{4\pi}{3}, \frac{5\pi}{3}$
 $-\cos \frac{11\pi}{6} = -\frac{\sqrt{3}}{2}$

۹

$\cot \frac{7\pi}{6} = \frac{\cos \frac{7\pi}{6}}{\sin \frac{7\pi}{6}} = \frac{-\frac{\sqrt{3}}{2}}{-\frac{1}{2}} = \sqrt{3}$ الف) 180°
 $-\cos 150^\circ = \frac{\sqrt{3}}{2}$ ب) $120^\circ, 90^\circ$

۳

۱۰