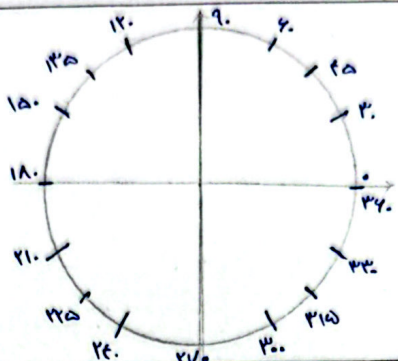
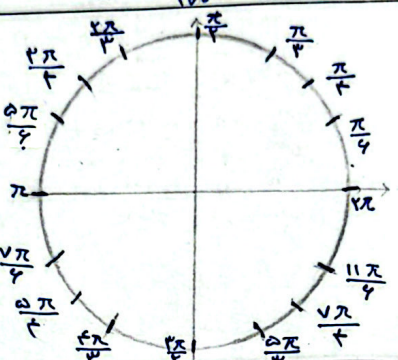
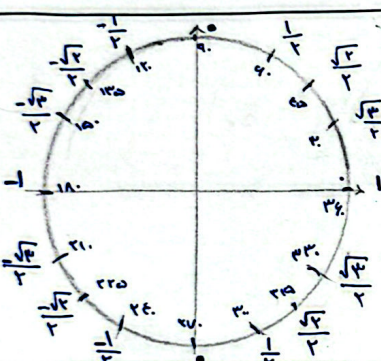
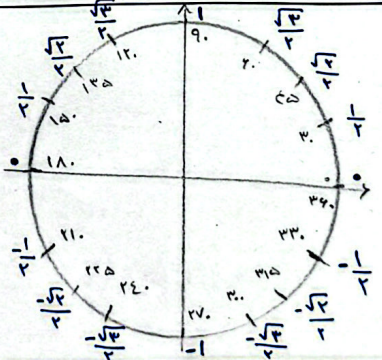
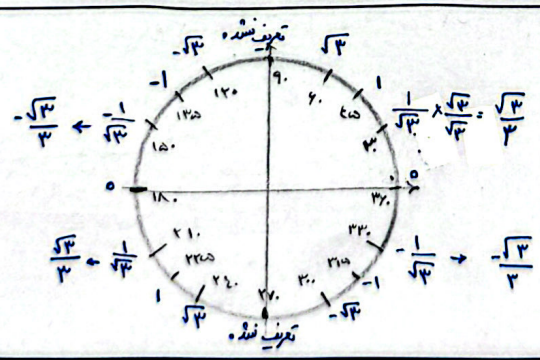
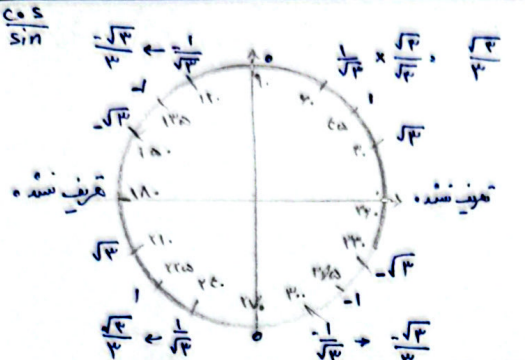
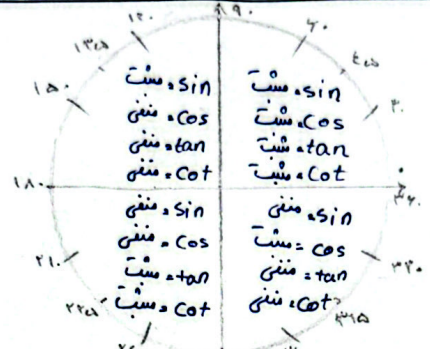


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نام و نام خانوادگی پاسخنامه تشریحی تکلیف شماره کلاس ریاضیات

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	۲
	۳
	۴
$\tan = \frac{\sin}{\cos}$ 	۵

Cot, Cos Sin 	6
	7
الف) $\sin 120^\circ = \frac{\sqrt{3}}{2} \Rightarrow \sin 60^\circ = \frac{\sqrt{3}}{2} \Rightarrow \boxed{60^\circ}$ ب) $\cos 150^\circ = -\frac{\sqrt{3}}{2} \Rightarrow \cos 30^\circ = \frac{\sqrt{3}}{2} \Rightarrow \boxed{30^\circ}$ ج) $\tan 225^\circ = \frac{-1}{-1} = 1 \Rightarrow \tan 45^\circ = 1 \Rightarrow \boxed{45^\circ}$ د) $\cot 135^\circ = \frac{-1}{1} = -1 \Rightarrow \cot 45^\circ = 1 \Rightarrow \boxed{45^\circ}$	8
الف) $\cos \frac{2\pi}{3} = -\frac{1}{2} \Rightarrow \sin 30^\circ, 150^\circ = \frac{1}{2} \Rightarrow \boxed{\frac{\pi}{6}, \frac{5\pi}{6}}$ ب) $\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \Rightarrow \sin 30^\circ, 150^\circ = \frac{1}{2} \Rightarrow \boxed{\frac{\pi}{6}, \frac{5\pi}{6}}$	9
الف) $\cot \frac{7\pi}{4} = \frac{\cos}{\sin} = \frac{\frac{\sqrt{2}}{2}}{\frac{1}{2}} = 1 \Rightarrow \sin 90^\circ = 1 \Rightarrow \boxed{90^\circ}$ ب) $\cos 150^\circ = -\frac{\sqrt{3}}{2} \Rightarrow \sin 30^\circ, 150^\circ = \frac{1}{2} \Rightarrow \boxed{30^\circ, 150^\circ}$	10