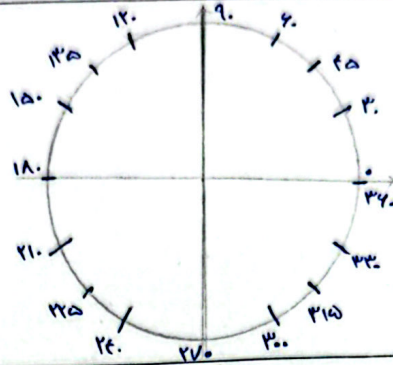
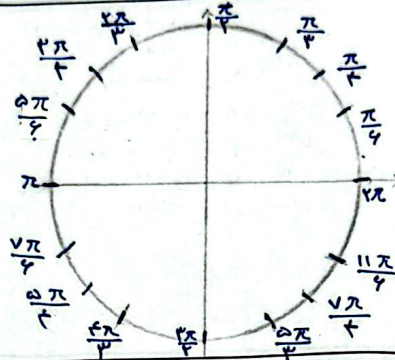


نام و نام خانوادگی کلاس شماره تکلیف شماره پاسخننامه تشریحی

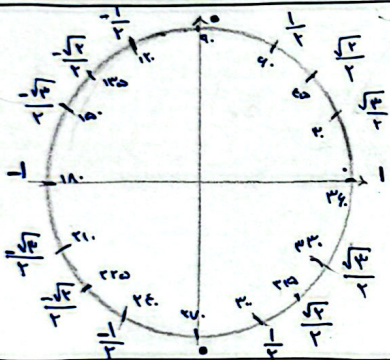
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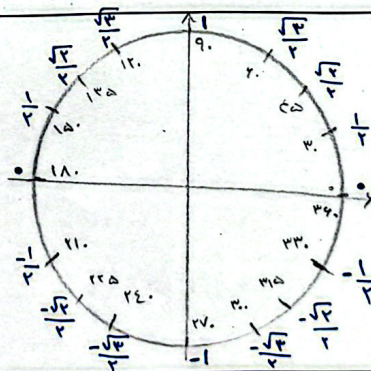
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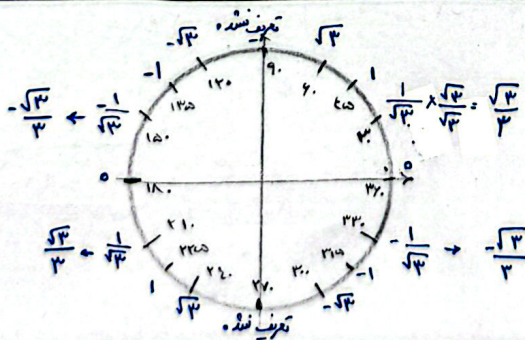


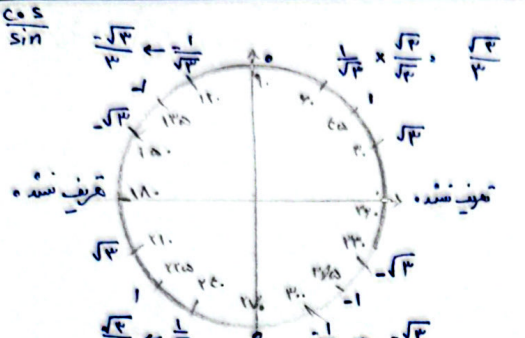
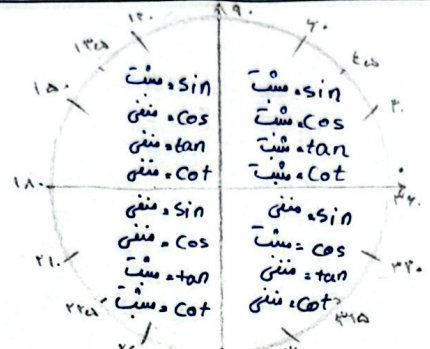
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$\tan = \frac{\sin}{\cos}$



Cot, Cos 	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) $\cot 135^\circ = -1 \Rightarrow \cot 45^\circ = 1 \Rightarrow \boxed{45^\circ}$	8
الف) $\cos \frac{2\pi}{3} = -\frac{1}{2} \Rightarrow \cos \frac{\pi}{3} = \frac{1}{2} \Rightarrow \sin \frac{\pi}{6}, \frac{5\pi}{6} = \frac{1}{2} \Rightarrow \boxed{\frac{\pi}{6}, \frac{5\pi}{6}}$ ب) $\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \Rightarrow \cos \frac{5\pi}{6} = -\frac{\sqrt{3}}{2} \Rightarrow \sin \frac{2\pi}{3}, \frac{4\pi}{3} = \frac{\sqrt{3}}{2} \Rightarrow \boxed{\frac{2\pi}{3}, \frac{4\pi}{3}}$	9
الف) $\cot \frac{7\pi}{4} = \frac{\cos}{\sin} = \frac{\frac{\sqrt{2}}{2}}{\frac{-\sqrt{2}}{2}} = -1 \Rightarrow \sin 270^\circ = -1 \Rightarrow \boxed{270^\circ}$ ب) $\cos 150^\circ = -\frac{\sqrt{3}}{2} \Rightarrow \cos 30^\circ = \frac{\sqrt{3}}{2} \Rightarrow \sin 60^\circ, 120^\circ = \frac{\sqrt{3}}{2} \Rightarrow \boxed{60^\circ, 120^\circ}$	10