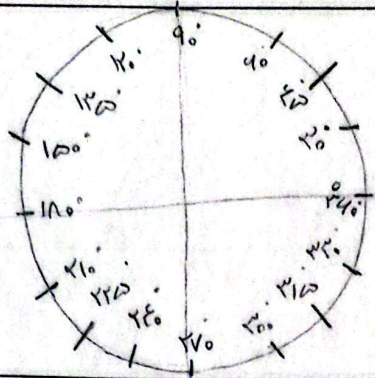
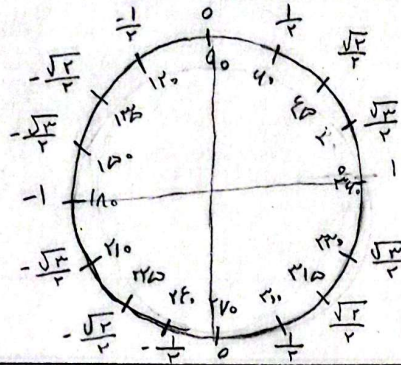
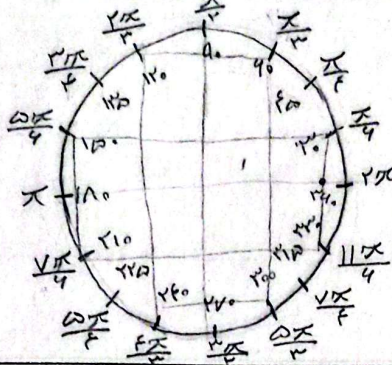


نام و نام خانوادگی: پاسخنامه تشریحی تکلیف شماره ۲ کلاس: B

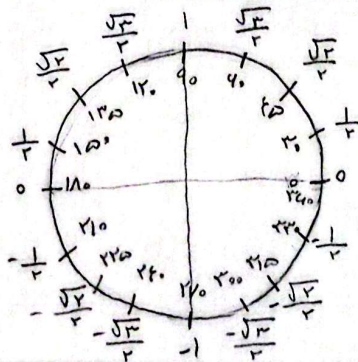


$$r \cos \theta = r \cos(0) = r$$

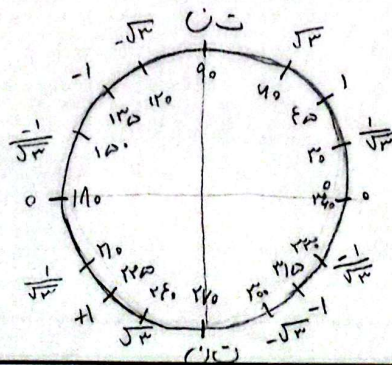
$$r = 1$$



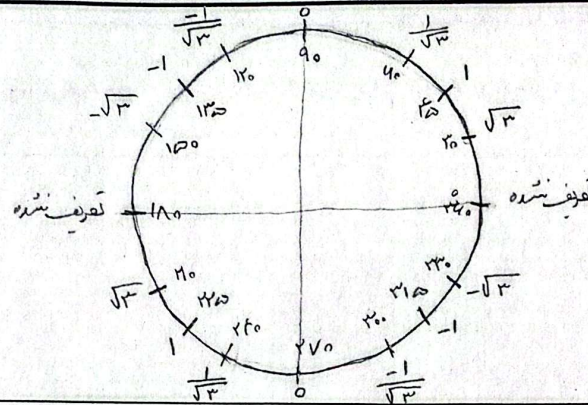
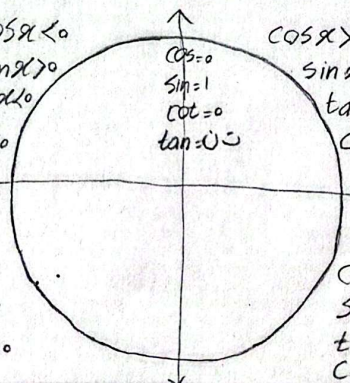
cos



sin



tan

	cot	۶
$\cos x < 0$ $\sin x > 0$ $\tan x < 0$ $\cot x < 0$	 $\cos x > 0$ $\sin x > 0$ $\tan x > 0$ $\cot x > 0$ $\cos x < 0$ $\sin x < 0$ $\tan x > 0$ $\cot x > 0$ $\cos x > 0$ $\sin x < 0$ $\tan x < 0$ $\cot x < 0$	۷
	$\cos = 0$ $\sin = 1$ $\cot = 0$ $\tan = \infty$	الف) زاویه ۹۰° ب) زاویه ۲۱۰° ج) زاویه مجهول د) زاویه ۳۱۵°
$\cos \frac{2\pi}{3} = -\frac{1}{2}$ $-\frac{1}{2} \xrightarrow{\text{قرینه}} +\frac{1}{2}$	$\sin 30^\circ = \sin \frac{\pi}{6} = \frac{1}{2}$ $\sin 150^\circ = \sin \frac{5\pi}{6} = \frac{1}{2}$	الف) $\frac{\pi}{4}$ و $\frac{3\pi}{4}$ ب) $\frac{5\pi}{3}$ و $\frac{4\pi}{3}$
$\cot \frac{3\pi}{4} = -1$ $\cos 180^\circ = -1$	$\sin 240^\circ = \frac{4\pi}{3}$ $\sin 300^\circ = \frac{5\pi}{3}$	الف) زاویه ۱۸۰° ب) زاویه ۱۲۰° و ۲۴۰°