

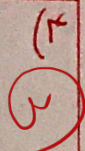
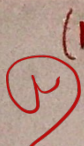
Y0

تکلیف شماره ۲

(۱۰) سیمین

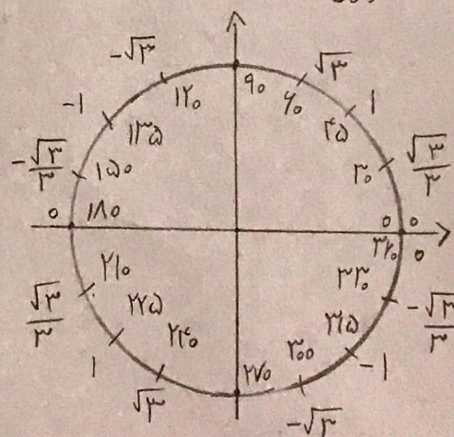


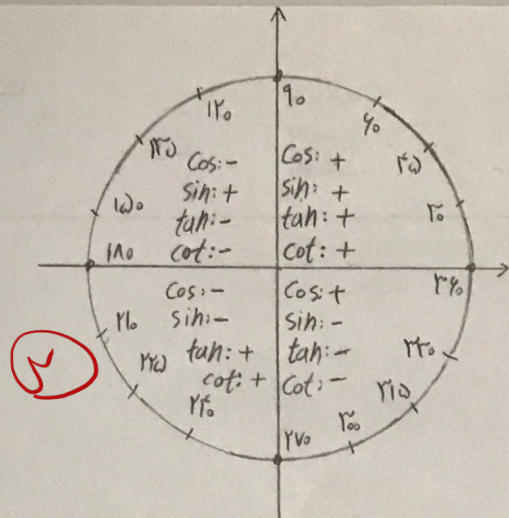
(1)



9

5





$\cos 120^\circ = -\frac{\sqrt{3}}{2}$ $\boxed{120^\circ}$ (—) $\sin 120^\circ = \frac{\sqrt{3}}{2}$ $\boxed{60^\circ}$ (—) (1)
 $\cos 110^\circ = -\frac{\sqrt{3}}{2}$ $\boxed{110^\circ}$ (—) $\sin 90^\circ = \frac{\sqrt{3}}{2}$ $\boxed{90^\circ}$ (—)
 $\cot 120^\circ = -1$ $\boxed{120^\circ}$ (—) $\tan 120^\circ = -\frac{\sqrt{3}}{3}$ $\boxed{150^\circ}$ (—) (2)
 $\cot 110^\circ = -1$ $\boxed{110^\circ}$ (—) $\tan 10^\circ = \frac{\sqrt{3}}{3}$ $\boxed{10^\circ}$ (—)

$\frac{2\pi}{3} = 120^\circ$ $\cos 120^\circ = -\frac{1}{2}$ $\frac{2\pi}{3} \rightarrow \frac{1}{2}$ $\sin 120^\circ = \frac{1}{2} \rightarrow \frac{2\pi}{3}$ (—) (3)
 $\frac{11\pi}{6} = 330^\circ$ $\cos 330^\circ = \frac{\sqrt{3}}{2}$ $\frac{11\pi}{6} \rightarrow -\frac{\sqrt{3}}{2}$ $\sin 330^\circ = -\frac{\sqrt{3}}{2} \rightarrow \frac{4\pi}{3}$ (—)
 $\sin 300^\circ = -\frac{\sqrt{3}}{2} \rightarrow \frac{2\pi}{3}$ (—)

$\frac{5\pi}{4} = 225^\circ$ $\cot 225^\circ = -1$ $\cos 180^\circ = -1$ $\boxed{180^\circ}$ (—) (4)
 $\cos 120^\circ = -\frac{\sqrt{3}}{2}$ $\frac{5\pi}{4} \rightarrow \frac{\sqrt{3}}{2}$ $\sin 90^\circ = \frac{\sqrt{3}}{2}$ $\boxed{90^\circ}$ (—)
 $\sin 120^\circ = \frac{\sqrt{3}}{2}$ $\boxed{120^\circ}$ (—)