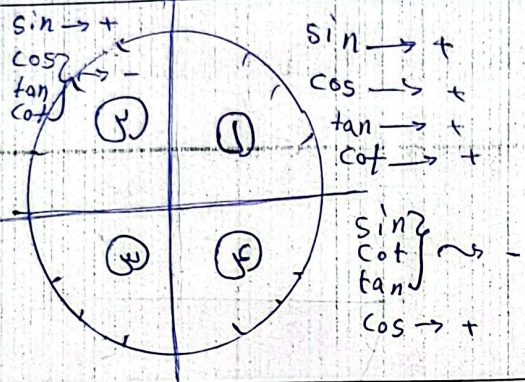
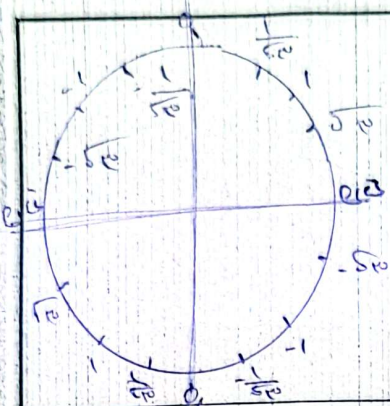


8



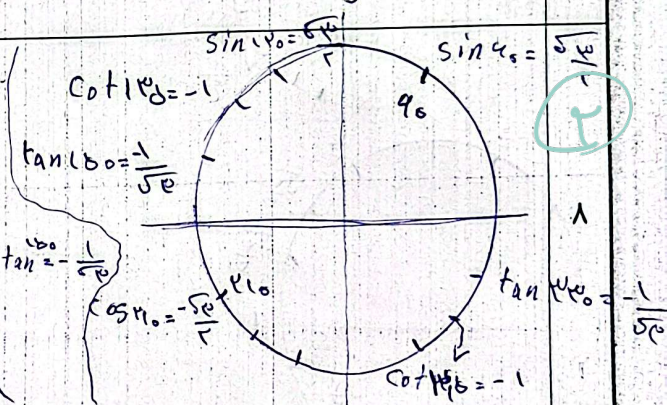
$\sin \rightarrow -$
 $\cos \rightarrow -$
 $\tan \rightarrow +$
 $\cot \rightarrow +$

ا) $\sin 140 = \frac{\sqrt{2}}{2} \Rightarrow \sin 40 = \frac{\sqrt{2}}{2}$

ب) $\cos 160 = -\frac{\sqrt{3}}{2} \Rightarrow \cos 40 = \frac{\sqrt{3}}{2}$

ج) $\tan 170 = \frac{-1}{\sqrt{3}} = -\frac{1}{\sqrt{3}} \Rightarrow \tan 10 = \frac{1}{\sqrt{3}}$

د) $\cot 160 = -1 \Rightarrow \cot 40 = 1$

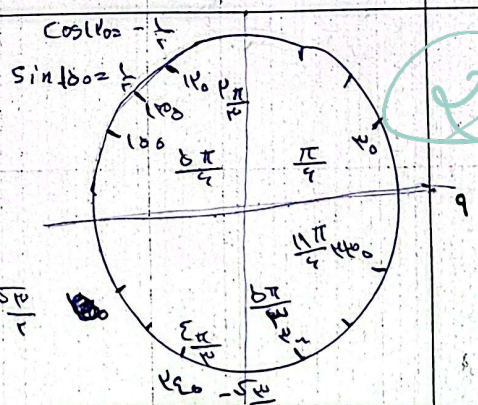


$\cos \frac{4\pi}{3} = -\frac{1}{2} \Rightarrow \sin 120 = \sin 60 = \frac{\sqrt{3}}{2}$

$\sin \frac{5\pi}{4} = \sin \frac{3\pi}{4} = \frac{\sqrt{2}}{2}$

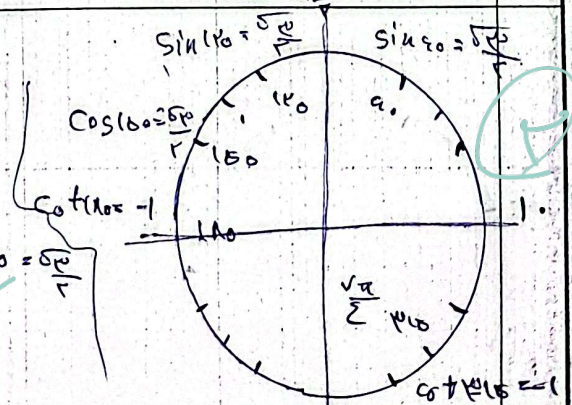
$\cos \frac{11\pi}{4} = \cos \frac{5\pi}{4} = -\frac{\sqrt{2}}{2} \Rightarrow \sin 170 = \sin 10 = \frac{\sqrt{2}}{2}$

$\sin \frac{5\pi}{6} = \sin \frac{7\pi}{6} = -\frac{1}{2}$



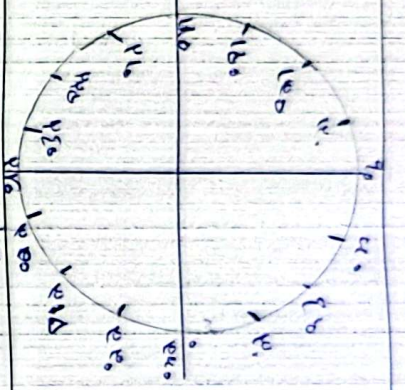
$\cot \frac{7\pi}{2} = \cot 160 = -1 \Rightarrow \cos 140 = -1$

$\cos 160 = -\frac{\sqrt{3}}{2} \Rightarrow \sin 40 = \sin 140 = \frac{\sqrt{3}}{2}$

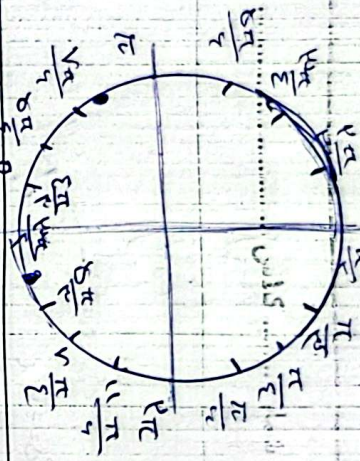
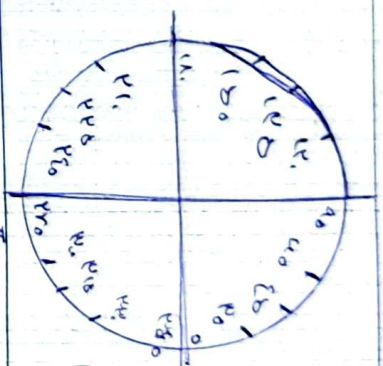


نام و نام خانوادگی پاسخنامه تشریحی تکلیف شماره کلاس

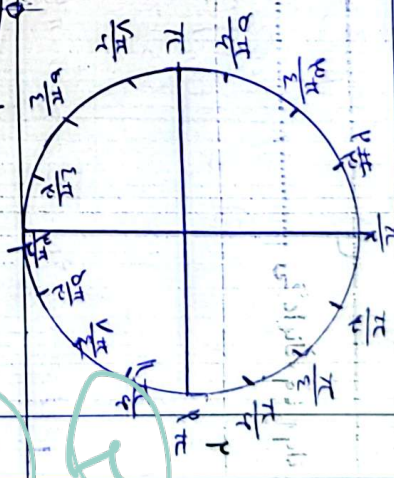
19.10



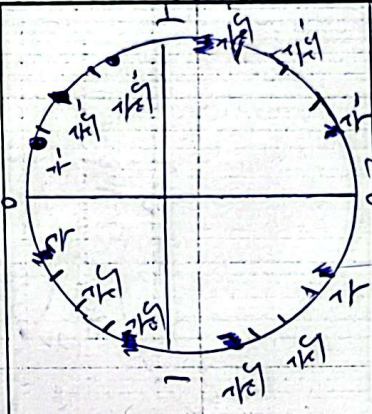
1



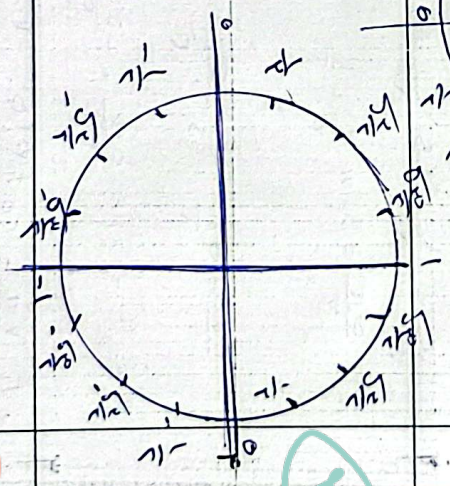
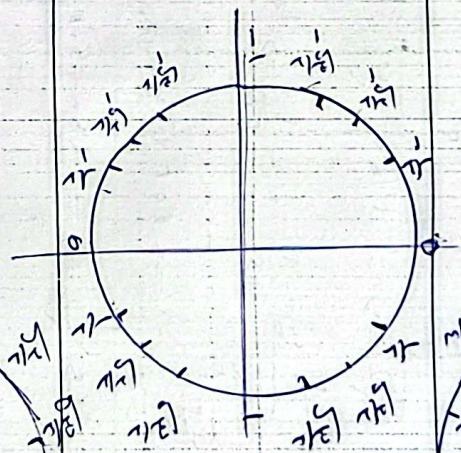
3



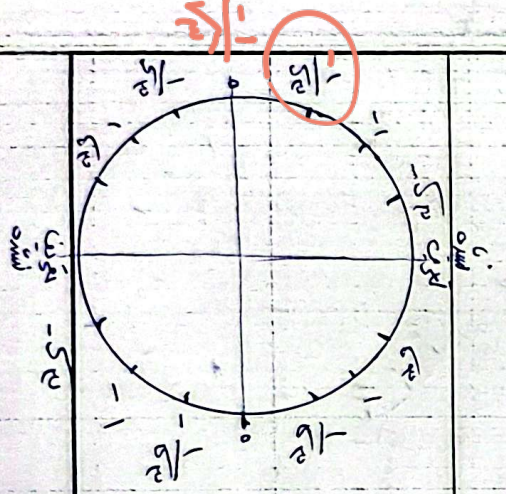
4



5



7



8