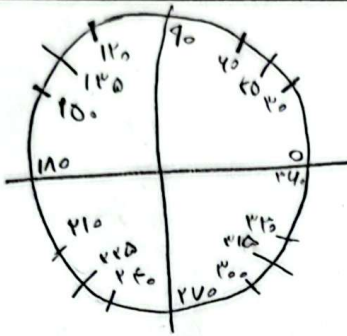
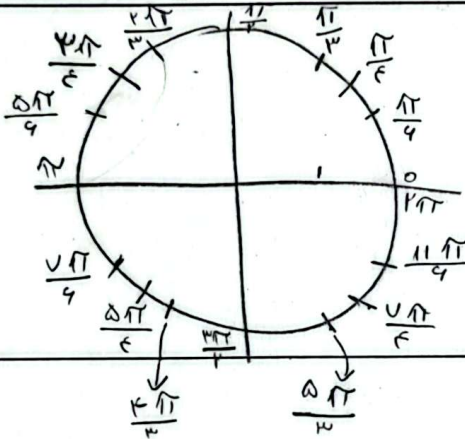


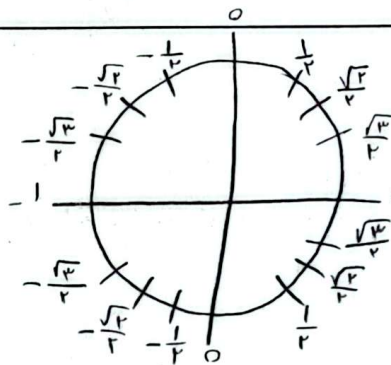
نام و نام خانوادگی محسن ملاوردی پاسخنامه تشریحی تکلیف شماره ۲ کلاس A.....



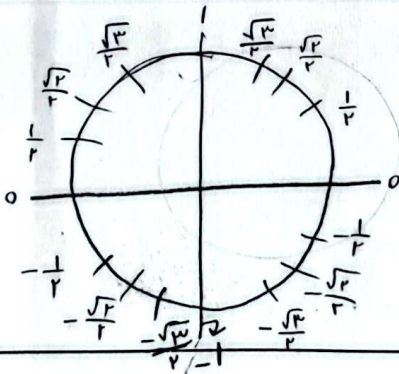
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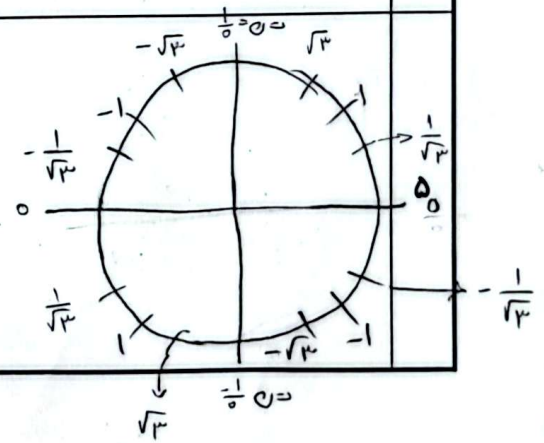


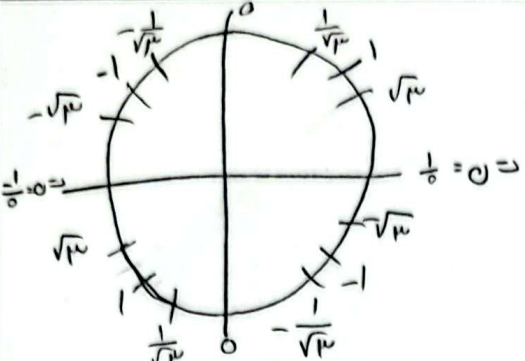
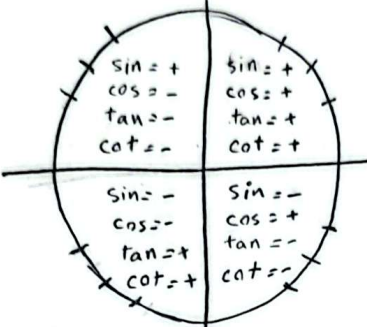
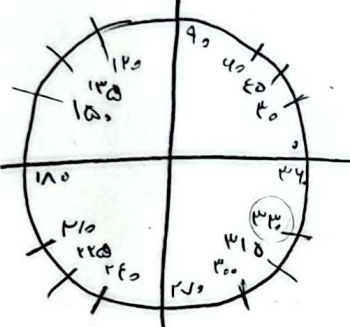
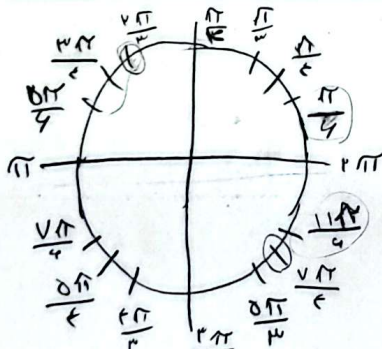
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$$\frac{\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = 1$$

$$\frac{\frac{\sqrt{2}}{2}}{-\frac{\sqrt{2}}{2}} = -1$$

$$\frac{\frac{\sqrt{2}}{2}}{-\frac{1}{2}} = -\sqrt{2}$$



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 $\sin 120^\circ = \frac{\sqrt{3}}{2}$ $\cos 150^\circ = -\frac{\sqrt{3}}{2}$ $\tan 330^\circ = -\frac{1}{\sqrt{3}} = -\frac{1}{\sqrt{3}}$ $\cot 135^\circ = \frac{-\sqrt{1}}{\frac{\sqrt{1}}{1}} = -1$	٨ الف) 90° ب) 210° ج) 150° د) 315°
 $\cos \frac{3\pi}{4} = -\frac{1}{2} \Rightarrow -\frac{1}{2}$ $\cos \frac{11\pi}{4} = \frac{\sqrt{3}}{2} \Rightarrow \frac{\sqrt{3}}{2}$	٩ الف) $\frac{5\pi}{4}, \frac{11\pi}{4}$ ب) $\frac{5\pi}{3}, \frac{7\pi}{6}$
$\cot \frac{3\pi}{4} = \frac{\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = -1 \rightarrow -1$ $\cos 150^\circ = -\frac{\sqrt{3}}{2} \Rightarrow -\frac{\sqrt{3}}{2}$	١٠ الف) 180° ب) $300^\circ, 90^\circ$