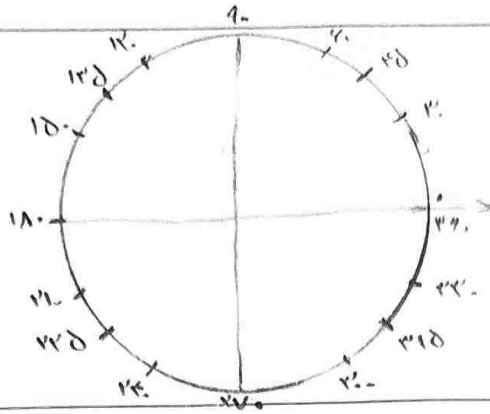
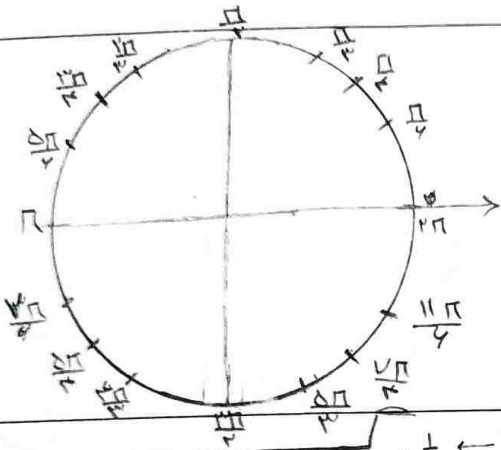


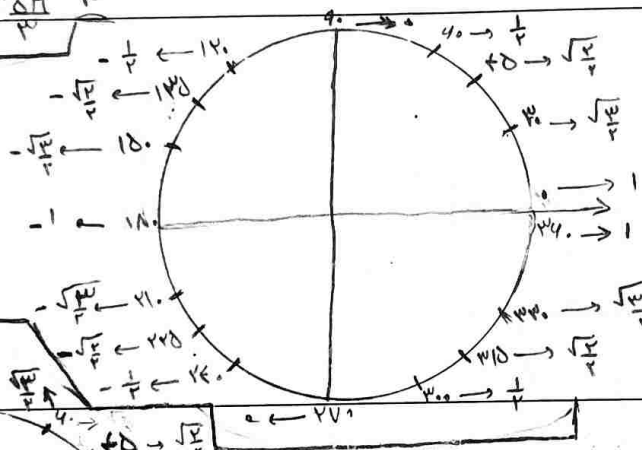
نام و نام خانوادگی امین حسینی پاسخنامه تشریحی تکلیف شماره ... 2 ... کلاس ... دهم الف ...



1

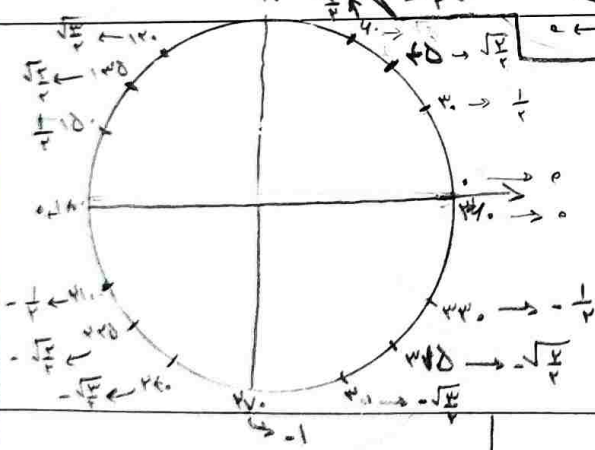


2



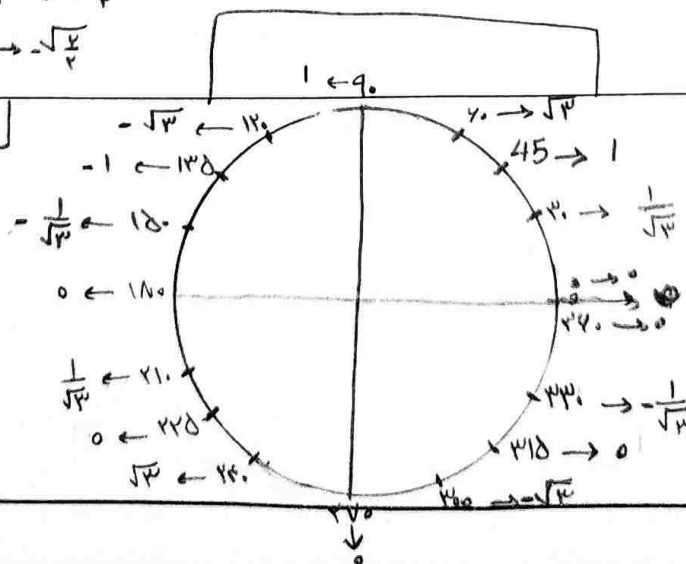
← COS

3



← Sin

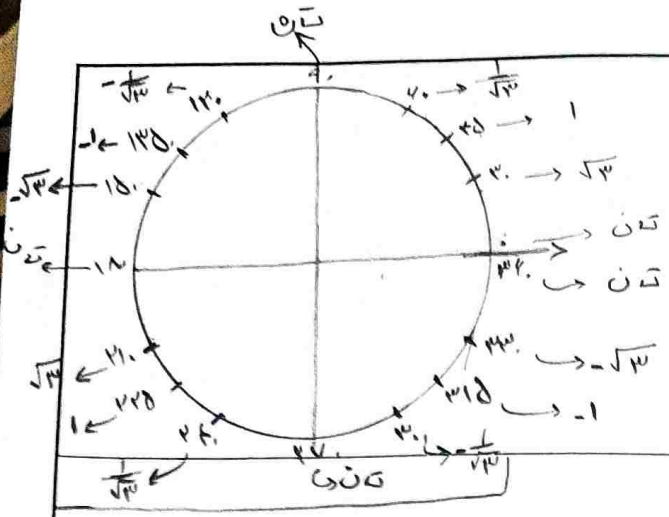
4



← Tan

5

cot



sin = + cos = - tan = - cot = -	sin = + cos = + tan = + cot = +
sin = - cos = - tan = + cot = +	sin = - cos = + tan = - cot = -

$\sin 90^\circ = \frac{\sqrt{3}}{2} \leftarrow \sin 150^\circ = \frac{\sqrt{3}}{2} \leftarrow \text{الف}$

$\cos 45^\circ = -\frac{\sqrt{3}}{2} \leftarrow \cos 150^\circ = -\frac{\sqrt{3}}{2} \leftarrow \text{ب}$

$\tan 150^\circ = -\frac{1}{\sqrt{3}} \leftarrow \tan 225^\circ = -\frac{1}{\sqrt{3}} \leftarrow \text{ج}$

$\cot 150^\circ = -1 \leftarrow \cot 225^\circ = -1 \leftarrow \text{د}$

$\alpha = 150^\circ, \alpha = 210^\circ \leftarrow \sin \alpha = \frac{1}{2} \leftarrow \frac{1}{2} \leftarrow -\frac{1}{2} \leftarrow \cos \leftarrow \frac{\pi}{6} (15^\circ) \leftarrow \text{الف}$
 $\alpha = 225^\circ, \alpha = 300^\circ \leftarrow \sin \alpha = -\frac{\sqrt{3}}{2} \leftarrow -\frac{\sqrt{3}}{2} \leftarrow \frac{\sqrt{3}}{2} \leftarrow \cos \leftarrow \frac{5\pi}{6} (150^\circ) \leftarrow \text{ب}$

$\alpha = 180^\circ \leftarrow \cos \alpha = -1 \leftarrow -1 \leftarrow \frac{1}{2} \leftarrow \cot \leftarrow \frac{\pi}{2} (90^\circ) \leftarrow \text{الف}$

$\alpha = 150^\circ, \alpha = 45^\circ \leftarrow \sin \alpha = \frac{\sqrt{3}}{2} \leftarrow \frac{\sqrt{3}}{2} \leftarrow \frac{\sqrt{3}}{2} \leftarrow \cos 150^\circ = -\frac{\sqrt{3}}{2} \leftarrow \text{ب}$