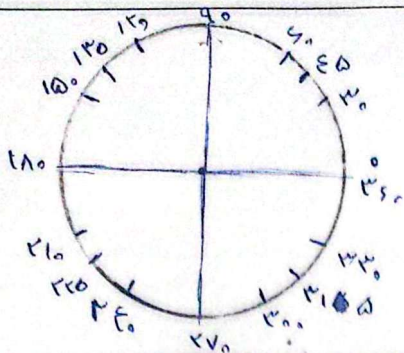
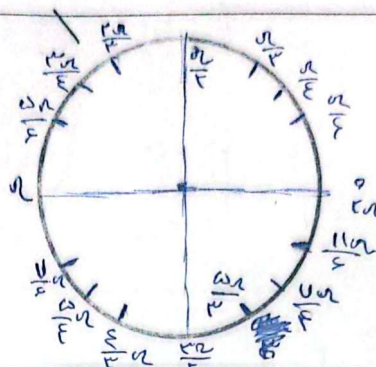
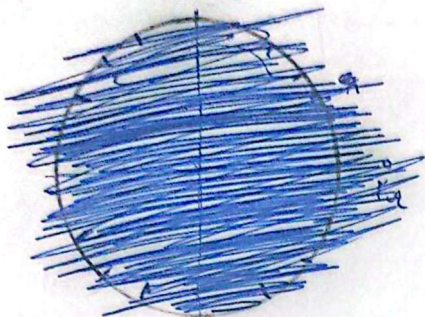


نام و نام خانوادگی پروردگار پاسخنانه تشریحی تکلیف شماره ۲ کلاس (۱۰)

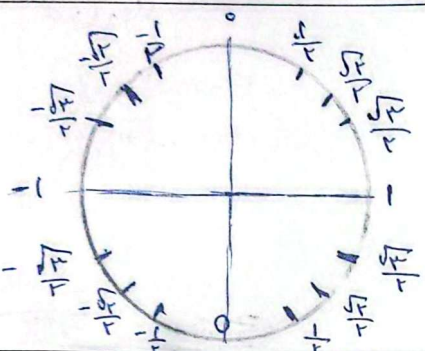
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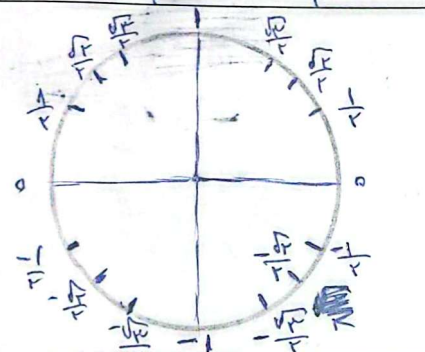
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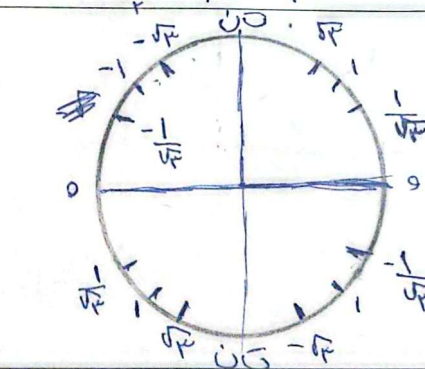
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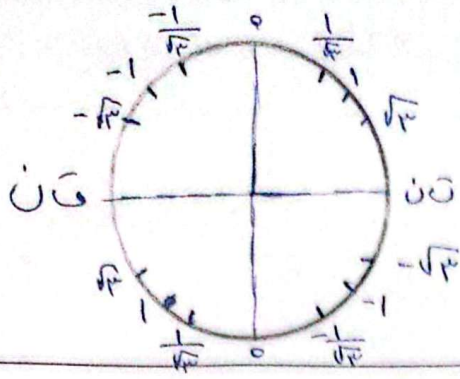


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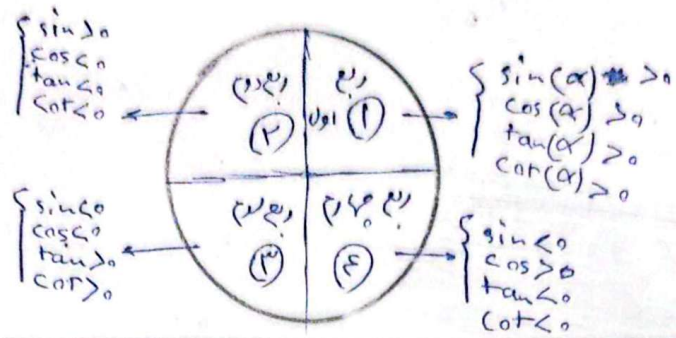


۵

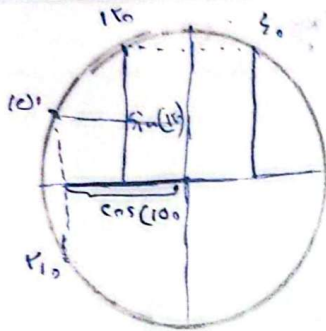




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الف) ٩٠°

ب) ١٥٠°

ج) ١٥٠° + ١٨٠° = ٣٣٠°

د) ١٥٠° + ١٨٠° = ٣٣٠°

٨

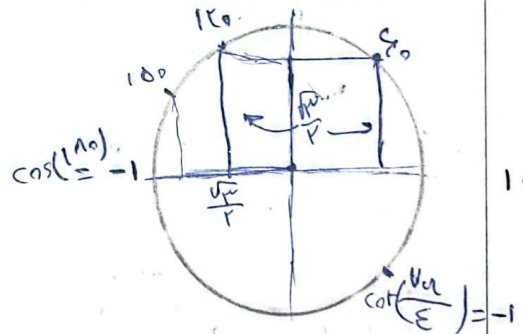
الف) $\cos \frac{2\pi}{6} = \cos \left(\frac{2\pi}{3} \right) = -\frac{1}{2} \rightarrow -\left(-\frac{1}{2}\right) = +\frac{1}{2} = \sin \left(\frac{\pi}{6} \right) = \frac{1}{2}$

ب) $\cos \frac{11\pi}{6} = \cos \left(\frac{11\pi}{6} \right) = \frac{\sqrt{3}}{2} \rightarrow \sin \left(\frac{\pi}{6} \right) = \frac{1}{2}$

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الف) $\cot \left(\frac{4\pi}{6} \right) = -1 = \cos \left(\frac{1\pi}{2} \right)$

ب) $-\cos \left(150^\circ \right) = -\left(-\frac{\sqrt{3}}{2} \right) = \frac{\sqrt{3}}{2}$



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