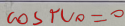


عزل صادقین



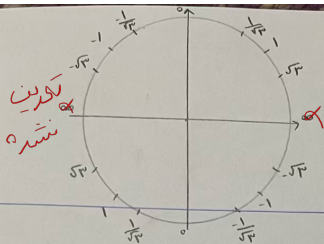
1, VC



تکلیف نشد



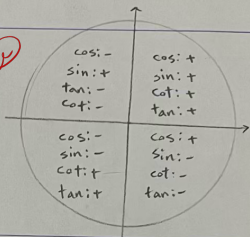
12a2



1, 10

$$\cot = \frac{\cos}{\sin}$$

5



5

$$\sin 15^\circ = \frac{\sqrt{3}}{2}, \sin 30^\circ = \frac{1}{2} \quad \text{الف) } 6^\circ$$

$$\cos 15^\circ = \frac{\sqrt{3}}{2}, \cos 30^\circ = \frac{1}{2} \quad \text{ب) } 11^\circ$$

$$\tan 15^\circ = \frac{1}{\sqrt{3}}, \tan 30^\circ = \frac{1}{\sqrt{3}} \quad \text{ج) } 15^\circ$$

$$\cot 15^\circ = -1, \cot 30^\circ = -1 \quad \text{د) } 315^\circ$$

$$\cos \frac{2\pi}{3} = -\frac{1}{2} \rightarrow \sin \frac{2\pi}{3} = \frac{\sqrt{3}}{2} \rightarrow \sin 120^\circ, 60^\circ = \frac{\sqrt{3}}{2}$$

5

$$\frac{5\pi}{6}, \frac{\pi}{6} \quad \text{الف) } 9^\circ$$

$$\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \rightarrow \sin \frac{11\pi}{6} = -\frac{1}{2} \rightarrow \sin 330^\circ, 210^\circ = -\frac{1}{2}$$

$$\frac{5\pi}{3}, \frac{4\pi}{3} \quad \text{ب) } 9^\circ$$

$$\cot \frac{7\pi}{6} = -1 \quad \cos 180^\circ = -1$$

5

$$180^\circ \quad \text{الف) } 10^\circ$$

$$\cos 15^\circ = \frac{\sqrt{3}}{2} \rightarrow \sin 15^\circ = \frac{1}{2} \rightarrow \sin 15^\circ, 75^\circ = \frac{1}{2}$$

$$12^\circ, 6^\circ \quad \text{ب) } 10^\circ$$