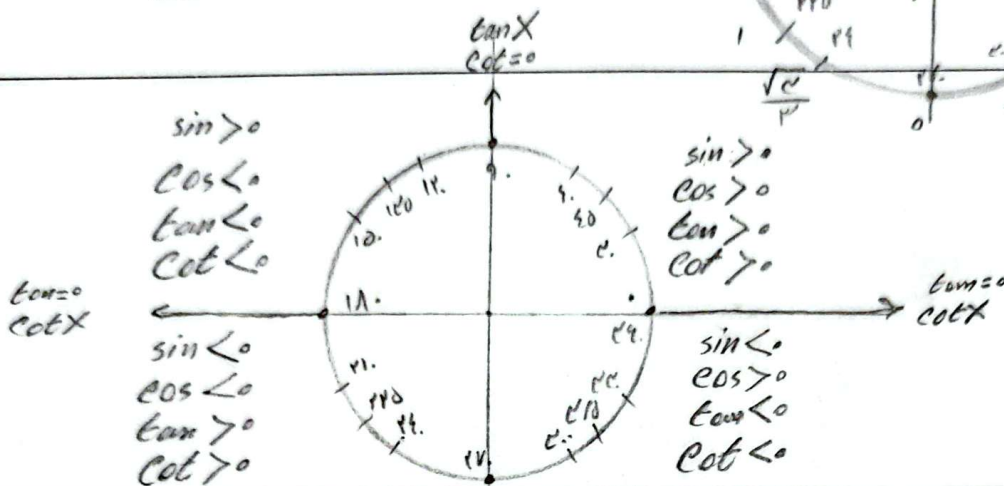
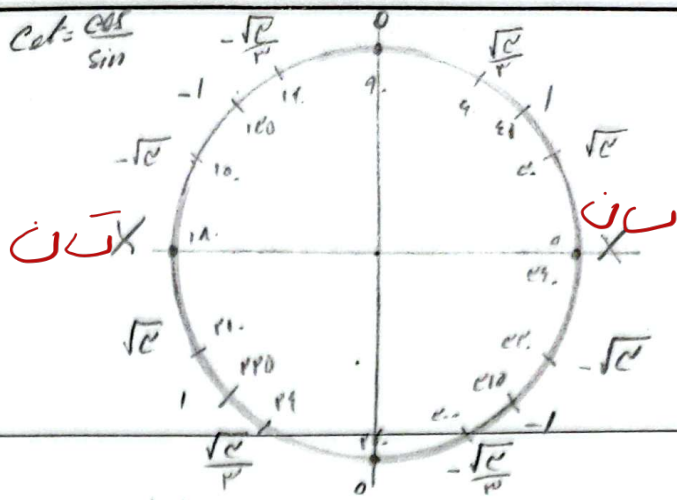


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|  | <div>۲</div> <div>۵</div> |

$\sqrt{c}$  ← with  $n$  col  
 $\frac{\sqrt{c}}{c} = \frac{1}{\sqrt{c}}$  ← with  $y$  col  
 $1$  ← with  $y$  col  
 $0, X$  ← with  $c$  col  
 $\text{بن}$



الف)  $\sin x = \sin 14^\circ \rightarrow \sin 14^\circ = \frac{\sqrt{c}}{r} \rightarrow x = 4^\circ$

ب)  $\cos x = \cos 18^\circ \rightarrow \cos 18^\circ = -\frac{\sqrt{c}}{r} \rightarrow x = 171^\circ$

ج)  $\tan x = \tan 99^\circ \rightarrow \tan 99^\circ = -\frac{\sqrt{c}}{c} \rightarrow x = 18^\circ$

د)  $\cot x = \cot 108^\circ \rightarrow \cot 108^\circ = -1 \rightarrow x = 112^\circ$

الف)  $-\cos \frac{r\pi}{c} = \sin \pi \rightarrow \cos \frac{r\pi}{c} = -\frac{1}{r} \rightarrow -\cos \frac{r\pi}{c} = \frac{1}{r} = \sin \pi$

$$\rightarrow \mathcal{K} = \frac{\pi}{4}, \frac{d\pi}{4}$$

$$\rightarrow \boxed{r = \frac{4}{4} + \frac{4}{4}}$$

$$c) -\cos \frac{11\pi}{4} = \sin \pi \rightarrow \cos \frac{11\pi}{4} = \frac{\sqrt{c}}{r} \rightarrow -\cos \frac{11\pi}{4} = -\frac{\sqrt{c}}{r} = \sin \pi$$

$$\rightarrow n = \frac{E\pi}{c}, \frac{d\pi}{c}$$

ج)  $\cot \frac{V_{IT}}{I} = \cos \alpha \rightarrow \cot \frac{V_{IT}}{I} = \frac{\cos \frac{\sqrt{r}}{r}}{\sin \frac{\sqrt{r}}{r}} = \frac{\sqrt{r}}{\frac{\sqrt{r}}{r}} = -1 = \cos \alpha$

$$\rightarrow \boxed{\kappa = 1\lambda_0}$$

$$\cup) -\cos 180^\circ = \sin \pi \rightarrow \cos 180^\circ = -\frac{\sqrt{r^2}}{r} \rightarrow -\cos 180^\circ = \frac{\sqrt{r^2}}{r} = \sin \pi$$

→  $x = 4^\circ, 14^\circ$