

19, 25 آفرین ۱۱

Subject:

Date:

$OA = 1 \Rightarrow$

1, 5

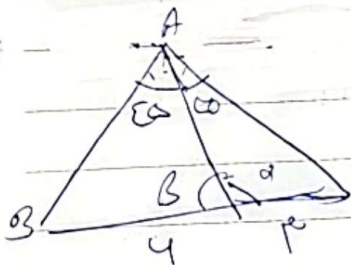
$\tan(1) = \cot(\alpha) \Rightarrow \beta = \cot \alpha + 1$

$\cot^2 \alpha + 1 = OB^2 \Rightarrow \left| \frac{1}{\sin^2 \alpha} \right| = OB^2 \Rightarrow OB = \frac{1}{\sin \alpha}$

دقت من وفتت

$AB = \frac{1}{\sin^2 \alpha} - 1 = AB = \frac{1 - \sin^2 \alpha}{\sin^2 \alpha}$

$AB = \frac{1 - \sin^2 \alpha}{\sin^2 \alpha}$



$\Rightarrow y = \frac{\sin \theta}{r} = \frac{\sin \alpha}{AC} \Rightarrow \frac{1}{r} = \frac{\sin \alpha}{AC}$

$\frac{\sqrt{2}}{r} = \frac{\sin \theta}{4} = \frac{\sin \beta}{AB} \Rightarrow$

$\frac{y}{x} = \frac{\sin \alpha}{AC} = \frac{AB}{AC} = \frac{1}{\sqrt{2}}$

✓
 $= \sqrt{2}$

cos C

$\frac{1}{r}$	$\frac{\sqrt{2}}{r}$	1
0	-1	1
$-\frac{\sqrt{2}}{r}$	$\frac{1}{r}$	1

$\frac{1}{r} \left(\left(\frac{1}{r} - \frac{r}{2} + 0 \right) - \left(\frac{\sqrt{2}}{r} + \frac{1}{2} + 0 \right) \right)$

$\frac{1}{r} \left(\frac{1}{r} - \frac{r}{2} - \frac{\sqrt{2}}{r} - \frac{1}{2} \right) = \sqrt{2} + 1$

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

$\sqrt{2} + \sqrt{2} + \sqrt{2} + \sqrt{2}$

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$$\left(\log_r^{\mu} \times \log_r^{\mu} \right) \times \frac{1}{r} \times \sin^{\mu} \alpha \Rightarrow$$

$$r \log_r^{\mu} \times \frac{1}{\log_r^{\mu}} \times \frac{1}{r} \Rightarrow \textcircled{r} \times$$

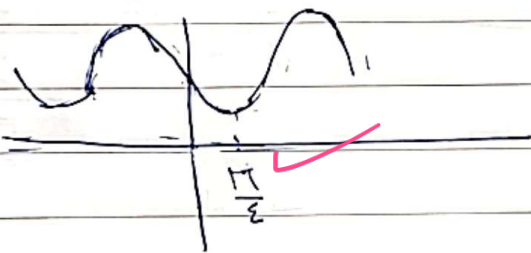
$$r \cos^{\Sigma} \alpha - \cos^r \alpha - \sin^r \alpha (r \sin^{\Sigma} \alpha - 1)$$

$$\frac{\cos^r \alpha (r \cos^{\Sigma} \alpha - 1)}{\cos^r \alpha} - \frac{\sin^r \alpha (r \sin^{\Sigma} \alpha - 1)}{\cos^r \alpha}$$

$$\cos^r \alpha \left(\frac{\sin^r \alpha + \cos^r \alpha}{1} \right) = 1 \Rightarrow \cos^r \alpha = +1$$

~~$\sin^r \alpha = 0$~~

$$\text{ب) } -\sin^r \alpha + r \Rightarrow T = \frac{r\pi}{r} = \textcircled{\pi}$$



$$\text{ب) } r \cos \left(\pi \cdot n + \frac{\pi}{r} \right) + 1 = -r \sin \left(\pi \cdot n \right) + 1$$

$$T = \frac{r\pi}{\pi} = \textcircled{r}$$



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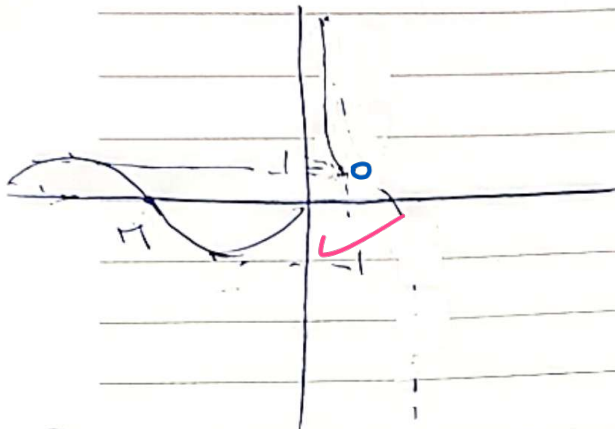
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$$\cos \pi = \frac{\pi}{1} = \pi$$

$$\sin x = s$$

$$T = \frac{\pi}{1} = \pi$$



$$\Rightarrow R_f [-1, +\infty)$$

$$a + b \sin(\pi) \cos(\pi) \cos(\pi) ;$$

$$a + \frac{b}{r} \sin(\pi) \cos(\pi) \Rightarrow$$

$$a + \frac{b}{r} \sin(\pi) \cos(\pi) \Rightarrow$$

$$T = \frac{\pi}{r} - \frac{\pi}{10} = \frac{\pi}{10}$$

$$\Rightarrow \frac{\pi}{10} = \frac{\pi}{10} = \pi$$

$$a + b = \pi$$

$$a - \frac{b}{r} = 0 \Rightarrow a = \pi \Rightarrow a = r \quad b = r \Rightarrow b = 1$$

$$\frac{\omega}{r} \times \pi = \frac{\omega}{r}$$

$$a \cos \pi + c$$

$$a \cos \pi + c$$

$$T = \pi \Rightarrow \frac{b}{r} = \pi$$

$$-a + c = r$$

$$a + c = -\pi \Rightarrow c = -\pi$$

$$a = -\pi$$

$$-r \cos(\pi) = 1 \Rightarrow$$

$$-r \cos(\pi) = 1 \Rightarrow \frac{1}{r} = 1$$

$$|\tan \alpha| = \frac{\pi}{r} = \frac{\pi}{1}$$

$$\sin \alpha = 1 - \frac{1}{9} = \frac{8}{9}$$

$$\sin \alpha = \frac{\pi}{r}$$

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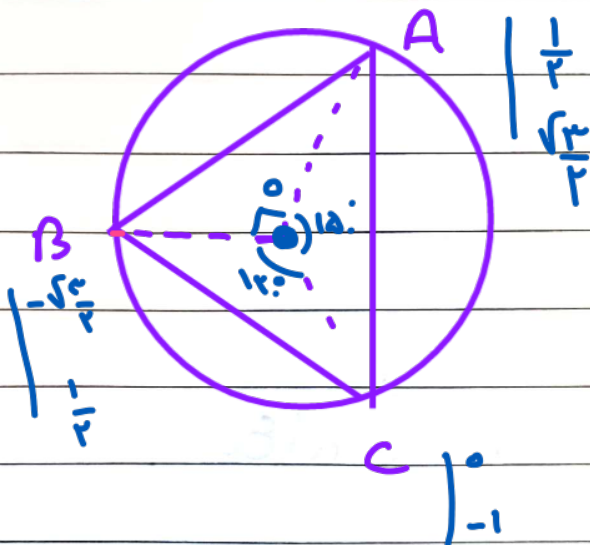
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نورثہ بود

۴۶ - می‌داند که ۵، ۱، ۷، ۳، ۹، ۲، ۸، ۶، ۴، ۱۰
بود

$$-\frac{1}{x} \sum_{k=1}^{\infty} \frac{1}{k} + 1 = \frac{1}{\sum_{k=1}^{\infty} \frac{1}{k}}$$

۳- قسمت الف)



$$SAOC = 1 \times 1 \times \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$$

SOAR: $1, 1, \frac{1}{f}, \frac{1}{f}$

$$SOBC_2: 1 \times 1 \times \frac{1}{r} \times \frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{r}$$

$$S_{ABC} = \frac{1}{r} + \frac{1}{s} + \frac{\sqrt{r}}{t} = \frac{r + \sqrt{r}}{s}$$