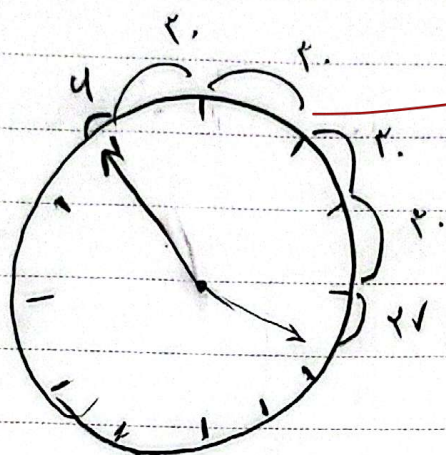


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رحمہ دھرانہ C

~~اے ایل ۵۶۵۵~~

1910



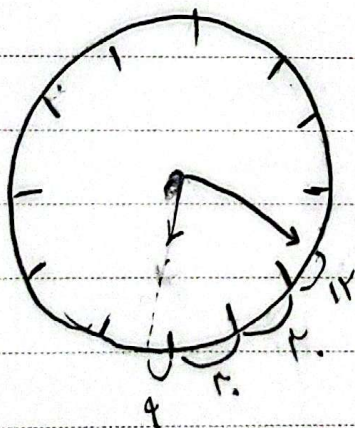
(الف)

~~$$E_{XP} + YV + Y = 12^3$$
$$1Y \quad 1EV$$~~

$$|dM - r \cdot h| = 0$$

$$|212 \times 23 - 2. \times 2| = 2.5$$

$$u_y = -v_x + 1 \quad (2)$$



الف)

$$\frac{1}{\cancel{144}} + \frac{1}{\cancel{9} \cdot \cancel{14} \cdot 11} = \frac{1}{11}$$

$$|210M - r_h| = 0$$

$$|\begin{vmatrix} 2 & 2 \times 1 & 1 \\ 1 & 2 & 2 \end{vmatrix}| = 1$$

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$$S = \frac{\alpha R}{r} = \frac{\pi}{1r} \times q = \frac{\pi}{\epsilon} \quad \text{انف} \quad (1)$$

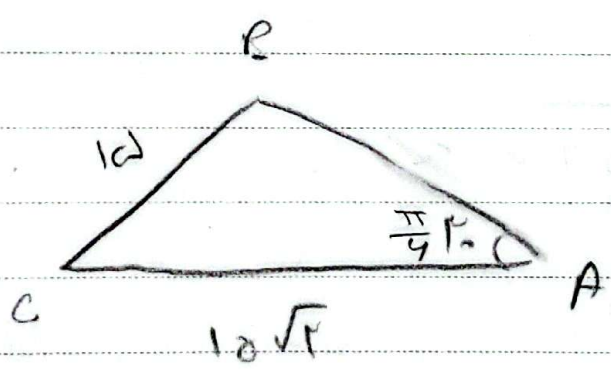
$$P = r + \alpha r \rightarrow r(\omega) + \frac{\pi}{2}(\omega) = 4 + \pi$$

$$P = \alpha R = \frac{\pi}{4} \times r = \frac{\pi}{2} \quad (2)$$

$$\frac{1}{r} \times \alpha \times \lambda \times \frac{\sqrt{r}}{2} = 1. \sqrt{r} \quad \text{انف} \quad (3)$$

$$CB = \sqrt{r^2 + 4\epsilon - 10 \times \frac{1}{r}} = \sqrt{\epsilon q} = v \quad (4)$$

$$v + \alpha + \lambda = r_0$$



$$\frac{1}{r} = \frac{\sin B}{10\sqrt{r}} \Rightarrow \sin B = \frac{10\sqrt{r} \times \frac{1}{r}}{10} = \frac{\sqrt{r}}{r}$$

$$B = \frac{\pi}{2} \quad C = 180 - \epsilon - 10 = 10 = 10 \times \frac{\pi}{2} = \frac{\sqrt{\pi}}{1r}$$

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$$\frac{-\tan \alpha + r \tan \alpha}{\tan(\pi - \alpha) + r \tan(\pi + \alpha)}$$

$$\frac{\tan(r\pi - \alpha) - \tan(r\pi + \alpha)}{-\tan \alpha - \tan \alpha}$$

$$\frac{r \tan \alpha - 1}{-r \tan \alpha}$$

(✓)

$$\frac{\pi}{1r} \times \frac{1\pi}{\pi} = 10^\circ$$

$$\frac{r \cot \frac{\pi}{1r} - \cot \frac{\pi}{1r}}{r \tan(\frac{\pi}{r} - \frac{\pi}{1r}) + \tan(\frac{\pi}{r} + \frac{\pi}{1r})}$$

A.

$$\frac{r \tan(\pi - \frac{\pi}{1r}) + \tan(\frac{r\pi}{r} - \frac{\pi}{1r})}{-r \tan \frac{\pi}{1r} - \cot \frac{\pi}{1r}} = \frac{\cot \frac{\pi}{1r}}{r \tan \frac{\pi}{1r}}$$

$$\frac{\frac{1}{\alpha}}{-r\alpha - \frac{1}{\alpha}} = \frac{\frac{1}{\alpha}}{-r\alpha^2 - 1} = \frac{1}{-r\alpha^2 - 1}$$

(1)

$$\frac{\tan \alpha + 1}{\tan \alpha - 1} + \frac{\tan \alpha - 1}{\tan \alpha + 1} = r$$

$$\frac{\tan^2 \alpha + 1 + r \tan^2 \alpha + \tan^2 \alpha + 1 - r \tan^2 \alpha}{\tan^2 \alpha - 1} = \frac{r \tan^2 \alpha + r}{\tan^2 \alpha - 1}$$

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$$r \tan^r - r = r \tan^r + r$$

$$\boxed{\tan^r = 0}$$

$$\sin^r m - r (1 - \sin^r) + 1$$

$$= \varepsilon$$

$$\sin^r n + r (1 - \sin^r) - 1$$

$$\sin^r n - r + r \sin^r + 1$$

$$r \sin^r - 1$$

$$\frac{\sin^r n - r + r \sin^r + 1}{\sin^r + r - r \sin^r - 1} = \frac{r \sin^r - 1}{- \sin^r + 1} = \varepsilon$$

$$r \sin^r - 1 = - \varepsilon \sin^r + \varepsilon$$

$$\sqrt{\sin^r} = d$$

$$\sin^r = \frac{d}{\sqrt{r}} \Rightarrow \cos^r = \frac{r}{\sqrt{r}} \Rightarrow 1 + \tan^r = \frac{r}{r}$$

$$\boxed{\tan^r = \frac{d}{r}}$$

$$\cos^r \text{ r r i d} = \frac{1 + \cos^r \varepsilon}{r} = \frac{1 + \frac{\sqrt{r}}{r}}{r} = \frac{r + \sqrt{r}}{\varepsilon}$$

$$\cos^r \text{ r r i d} = \frac{\sqrt{r + \sqrt{r}}}{r}$$

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$$\text{ب) } \sin(4V_{id}) = \frac{1 - \cos 180^\circ}{2} = \frac{1 + \frac{\sqrt{r}}{r}}{2} = \frac{1 + \sqrt{r}}{2}$$

$$\sin 4V_{id} = \frac{\sqrt{r + \sqrt{r}}}{2}$$