

لیکھو

ساریا الیری شریای

$$a) r\omega = v \text{ rad} \rightarrow \frac{r\omega}{r} = \frac{v}{r} \rightarrow \frac{r\omega}{r} = \frac{v}{r} \rightarrow \boxed{\omega = \frac{v}{r}} \quad (1)$$

$$b) r\alpha = a \text{ rad} \rightarrow \frac{r\alpha}{r} = \frac{a}{r} \rightarrow \frac{r\alpha}{r} = \frac{a}{r} \rightarrow \boxed{\alpha = \frac{a}{r}}$$

$$2) \frac{a\omega}{r} \text{ rad} = \frac{v}{r} \rightarrow \frac{a\omega}{r} = \frac{v}{r} \rightarrow \frac{a\omega}{r} = \frac{v}{r} \rightarrow \boxed{D = v\alpha}$$

$$3) \frac{r\alpha}{r} \text{ rad} = \frac{v}{r} \rightarrow \frac{r\alpha}{r} = \frac{v}{r} \rightarrow \frac{r\alpha}{r} = \frac{v}{r} \rightarrow \boxed{D = \frac{v}{r}}$$

(2)

$$\frac{r\alpha}{r} = \frac{D}{r} \rightarrow \frac{r\alpha}{r} = \frac{D}{r} \rightarrow \frac{r\alpha}{r} = \frac{D}{r} \rightarrow D = r\alpha$$

$$\frac{a\omega}{r} = \frac{D}{r} \rightarrow \frac{a\omega}{r} = \frac{D}{r} \rightarrow \frac{a\omega}{r} = \frac{D}{r} \rightarrow D = r\alpha$$

$$1. + 12. a + 12. d = \boxed{r\alpha}$$

(3)

$$a) \frac{1}{r} \times \frac{\sqrt{r}}{r} = \frac{\sqrt{r}}{r} \times \frac{1}{r} - 1 + r = \boxed{1}$$

$$b) \frac{\frac{r}{r} + 1 + \frac{r}{r}}{\frac{r}{r} - \frac{r}{r}} = \frac{1}{r}$$

dn

$$\underbrace{\frac{1}{r} \times \frac{1}{r}}_{\frac{1}{r^2}} + \underbrace{\frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{r}}_{\frac{r}{r^2}} = \sin^2 \theta \rightarrow \frac{r}{r^2} = \frac{1}{r} = \sin^2 \theta \quad (7)$$

$$\frac{\frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{r}}{\frac{1}{r}} = 1$$

$$\frac{\frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{r}}{\frac{1}{r} \times (1 - \tan^2 \mu)} = \tan \theta$$

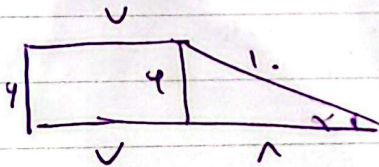
$$\frac{\frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{r}}{\frac{1}{r} \times (1 - \tan^2 \mu)} = \tan \theta \quad \tan \theta = \sqrt{\mu} \quad \theta = 45^\circ$$

$$\frac{r \times \frac{2\sqrt{r}}{r} - \frac{\sqrt{r}}{r}}{r \sin \theta - c \cdot s \theta} \Rightarrow \frac{1 \times \sqrt{r} \times \frac{r}{r}}{\frac{r}{r}} \quad \tan \theta = \omega$$

$$\frac{2\sqrt{r} - \sqrt{r}}{r - c \cdot s} = \frac{\sqrt{r}}{r}$$

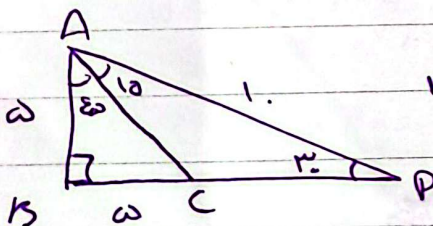
$$\frac{2\sqrt{r}}{1} = \frac{2 \times r \times r}{4 \times r}$$

$$\sin = \frac{\omega x}{x \sqrt{r}} \cdot \frac{\omega}{\sqrt{r}} \quad c \cdot s = \frac{x}{\sqrt{r}}$$



$$1 \dots \sqrt{r} = 4\sqrt{r} \sqrt{r} = 1$$

$$1 \cdot 9 \sqrt{r} \sqrt{r} = 4 \cdot 4 \sqrt{r} \sqrt{r} = 16$$

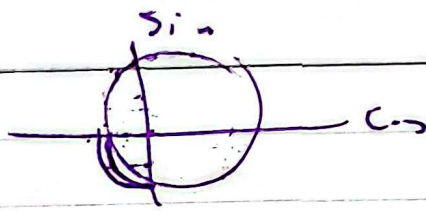


$$1 \dots \sqrt{r} = \sqrt{r} \Rightarrow \sqrt{r} \times \sqrt{r} = a \sqrt{\mu}$$

$$BD = a \sqrt{\mu}$$

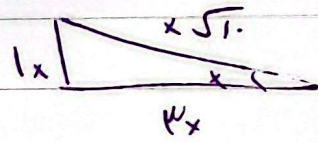
$$\tan \theta = \frac{BD}{BC} \Rightarrow \frac{a \sqrt{\mu}}{BC} = 1 \quad BC = a$$

$$DC = a \sqrt{\mu} - a$$



⑨ انبانی کے لیے

ب (انبانی کے لیے)



⑩ $\tan x = \frac{1}{3}$

$x^2 + 9x^2 = 10x^2$

$\sin = \frac{x}{x\sqrt{10}}$

$\frac{\sqrt{10}}{10}$