

Subject.

Maths

C.N.T. (P.T.)

10

Date

Day.

Month.

Year.

$$a) \tan\left(r\pi + \frac{r\pi}{r}\right) + \sin\left(\varepsilon\pi + \frac{\pi}{\varepsilon}\right) \cos\left(r\pi + \frac{\pi}{\varepsilon}\right) \quad (1)$$

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

$$b) \tan\left(r\pi + \frac{r\pi}{r}\right) \sin\left(r\pi + \frac{r\pi}{r}\right) + \cos\left(r\pi + \frac{\pi}{r}\right)$$

$$-\frac{1}{r} \times -\frac{\sqrt{r}}{r} - \frac{1}{r} = 0$$

$$\frac{r \cos \alpha - \sin \alpha}{\cos \alpha + \sin \alpha} = \frac{r + 1}{r - 1} = \frac{r-1}{2} \cdot \frac{\pi}{2}$$

$$\sin \alpha <$$

$$\cos \alpha <$$

$$\sin \alpha = r \cos \alpha$$

$$\tan \alpha = r$$

$$1 + \tan^2 = \frac{1}{\cos^2}$$

$$1 + r^2 = \frac{1}{\cos^2}$$

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

$$\cos\left(r\pi + \frac{r\pi}{r} + \alpha\right) =$$

$$\cos \frac{r\pi}{r} \cos \alpha - \sin \frac{r\pi}{r} \sin \alpha = -\frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{1} - \left(\frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{1}\right)$$

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

Subject.

Day. Month. Year.

$$\sqrt{1 - \sin^2} = \cos \Rightarrow -\sqrt{1 - \frac{r}{l_0}} = -\sqrt{\frac{9\lambda}{l_0}}$$

$$-\frac{v}{\Delta \sqrt{r}} = -\frac{\sqrt{r}}{l_0}$$

$$b) \tan = \frac{1}{v} \Rightarrow Gt = v$$

$$1 + \varepsilon_9 = \frac{1}{\sin^2} \Rightarrow \sin^2 = \frac{1}{\sqrt{0}} = \frac{\sqrt{r}}{l_0} \Rightarrow \cos \alpha = \frac{\sqrt{r}}{l_0}$$

دو، دو

$$\sin\left(\pi + \frac{2\pi}{\varepsilon} + \alpha\right) = \sin \frac{2\pi}{\varepsilon} \cos \alpha + \sin \alpha \cos \frac{2\pi}{\varepsilon}$$

$$-\frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{l_0} + \frac{\sqrt{r}}{l_0} \times -\frac{\sqrt{r}}{r} = -\frac{v}{l_0} - \frac{1}{l_0} = -\frac{\lambda}{l_0} = -\frac{1}{l_0}$$

$$r \sin^2 + \cos^2 = \frac{\varepsilon}{r}$$

$$\sin^2 + 1 = \frac{\varepsilon}{r} \Rightarrow \sin^2 = \frac{1}{r} \Rightarrow \cos^2 = \frac{1}{r}$$

$$1 + \tan^2 = \frac{1}{\cos^2} \Rightarrow 1 + \tan^2 = \frac{r}{1} \Rightarrow \tan^2 = \frac{1}{r}$$

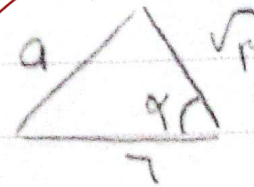
Subject.

Day. Month. Year.

$$\frac{a}{r} = \frac{1}{r} \times \frac{1}{2} \times \sqrt{r} \times \sin \alpha$$

$$\frac{\sqrt{r}}{r} = \sin \alpha \Rightarrow \alpha = 4.5^\circ$$

$$\alpha = 1r.$$



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

$$4a$$

~~$$a = \sqrt{r^2 + r^2 - 1r\sqrt{r} \cos \alpha} = \sqrt{r^2 - 1r\sqrt{r} \times \frac{1}{2}} = \sqrt{r^2 - 1r\sqrt{r}}$$~~

~~$$a = \sqrt{r^2 + r^2 - 1r\sqrt{r} \cos \alpha} = \sqrt{r^2 - 1r\sqrt{r} \times \frac{1}{2}} = \sqrt{r^2 + 4\sqrt{r}}$$~~

~~$$a = \sqrt{\frac{r^2 + 4\sqrt{r}}{r^2 - 1r\sqrt{r}}}$$~~

$$\sin r \times a \times b = a \times b$$

$$\frac{1}{r} a \times b = a \times b$$

$$a \times b = 1 \times 1$$

$$\frac{a}{b} = \frac{r}{r} \Rightarrow a = \frac{r}{r} b \Rightarrow \frac{r}{r} b = 1 \times 1$$

$$b = 1r$$

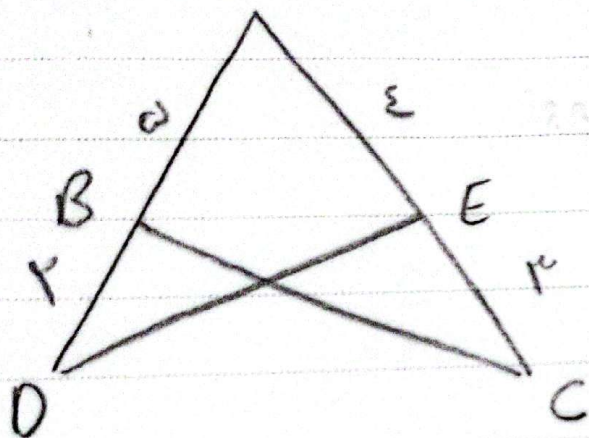
$$b = 4\sqrt{r}$$

$$a = 1r$$

$$P = (4\sqrt{r} + 1r) \times r = \boxed{1r \cdot \sqrt{r}}$$

Subject.

Day. Month. Year.



①

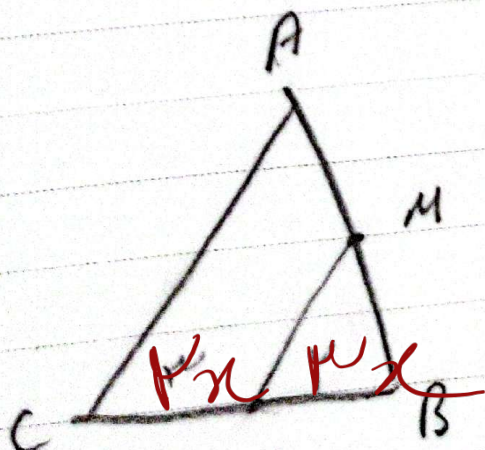
5

$$\frac{1}{r} \times V \times \Delta \times \sin A - \frac{1}{r} \times V \times \epsilon \times \sin \alpha = 11V\Delta$$

$$\frac{1}{r} \times V \times \sin A (\Delta - \epsilon) = 11V\Delta$$

$$\frac{V}{r} \sin A = \frac{V}{\epsilon}$$

$$\sin A = \frac{1}{r} \Rightarrow \boxed{A = 1^\circ}$$



$$\frac{1}{r} \times AB \times BC \times \sin B = \frac{1}{r} \times \frac{1}{r} \times BM \times \sin B$$

$$AB \times BC = \frac{1}{r} \times BM \times \sin B$$

$$AB = \frac{1}{r} BM$$

$$BM + MA = \frac{1}{r} BM$$

$$MA = BM \Rightarrow \frac{BM}{MA} = 1$$

$$\frac{BM}{AB} = \frac{\omega}{q}$$

$$\frac{BM}{AM} = \frac{\omega}{\epsilon}$$

Subject.....

Day..... Month..... Year.....

1, 11, 10

(1)

$$\frac{1}{|G_{\alpha}|} - \tan \alpha = \frac{1}{|G|} - \frac{\sin \alpha}{G_{\alpha}}$$

$$\frac{1}{|G_{\alpha}|} - \frac{\sin \alpha}{G_{\alpha}} = \frac{1}{|G_{\alpha}|} + \frac{\sin \alpha}{|G_{\alpha}|}$$

✓ $G_{\alpha} < 0$

$$\frac{|\sin \alpha|}{G_s} = - \frac{\sin \alpha}{G_s}$$

✓ $\sin < 0$

~~میں~~