

$$\tan \frac{11\pi}{4} + \sin \frac{10\pi}{4} = \cos \frac{12\pi}{4} \quad s = -1 + \left(\frac{\sqrt{2}}{2}x - \frac{\sqrt{2}}{2} \right) s = -1 + \frac{1}{2}s - \frac{1}{2}$$

$$\tan \frac{11\pi}{4} \sin \frac{11\pi}{4} + \cos \frac{10\pi}{4} = \sin \left(\frac{\sqrt{2}}{2}x - \frac{\sqrt{2}}{2} \right) + \left(-\frac{1}{2} \right) s = \frac{1}{2}$$

$$\frac{\cos s}{\sin} \quad \frac{12 \sin - \sin}{2 \sin + \sin} = \frac{11 \sin}{2 \sin} \quad s = \frac{11}{2}$$

$$\sin^2 + \cos^2 = 1$$

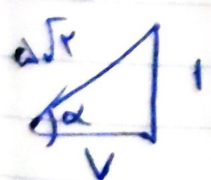
$$\cos^2 + \cos^2 = 1$$

$$2 \cos^2 = 1 \Rightarrow \cos^2 = \frac{1}{2} \Rightarrow \cos = \pm \frac{\sqrt{2}}{2}$$

$$\cos \left(\frac{11\pi}{4} + \alpha \right) = \cos \left(\frac{7\pi}{4} + \alpha \right) \quad \sin \alpha = \frac{\sqrt{2}}{2} \quad s = \frac{1}{\sqrt{2}}$$

$$\cos \frac{7\pi}{4} \cos \alpha + \sin \frac{7\pi}{4} \sin \alpha = \frac{\sqrt{2}}{2} (\cos \alpha + \sin \alpha)$$

$$\frac{\sqrt{2}}{2} (\cos \alpha + \sin \alpha) = \frac{\sqrt{2}}{2} (\cos \alpha + \sin \alpha) \quad s = \frac{\sqrt{2}}{2} (\cos \alpha + \sin \alpha)$$



$$\frac{\cos + \sin}{\frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}}} = \frac{1}{\sqrt{2}} \Rightarrow \frac{\sqrt{2}}{2} (\cos \alpha + \sin \alpha) = \frac{1}{\sqrt{2}} \Rightarrow \cos \alpha + \sin \alpha = \frac{1}{2}$$

$$\sin \left(\frac{11\pi}{4} + \alpha \right) = \sin \left(\frac{7\pi}{4} + \alpha \right) = \sin \frac{7\pi}{4} \cos \alpha + \cos \frac{7\pi}{4} \sin \alpha = \left(\frac{\sqrt{2}}{2} \cos \alpha + \frac{\sqrt{2}}{2} \sin \alpha \right) = \frac{\sqrt{2}}{2} (\cos \alpha + \sin \alpha)$$

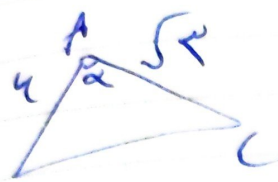
$$\frac{\sqrt{2}}{2} (\cos \alpha + \sin \alpha) = \frac{1}{2}$$

مشکلات بهره‌وری، ناشی از عملکرد بد کارکنان نیست بلکه ناشی از عملکرد بد مدیریت است. دمیگ

$$\frac{\sin \alpha + \sin \alpha \cos \alpha}{1} \times \frac{r}{\mu}$$

$$\sin \alpha \times \frac{1}{r} \quad 1 - \frac{1}{r} \times \frac{r}{\mu} = \cos \alpha \times \frac{r}{\mu}$$

$$\frac{\sin \alpha}{\cos \alpha} \times \frac{1}{\frac{r}{\mu}} \times \frac{1}{r}$$



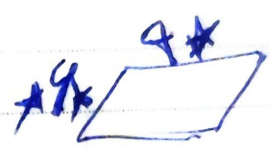
$$\frac{1}{r} \times r \times r \times \sin \alpha = \frac{r}{\mu}$$

زاویه α $\pi - \alpha_1$
 $\alpha_1 = \arcsin \frac{r}{\mu}$

$$\sin \alpha = \frac{r}{\mu} \times \frac{1}{r} = \frac{r}{\mu r} = \frac{r}{\mu}$$

$$\frac{\alpha_1}{\alpha} \approx 19.12$$

مساحت $\Delta ABC = \frac{1}{2} \times ab \sin \alpha$
 $\frac{1}{2} \times r \times r \times \frac{1}{r} = \frac{r}{2}$

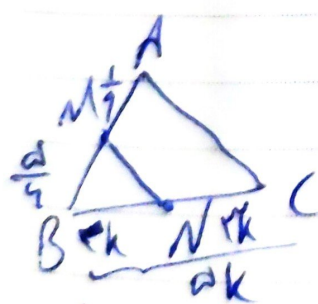


$\mu = r$ $P = r(1 + r) = 2r$

$$S_{ABC} - S_{ADE} = IV$$

$$\frac{1}{2} \times r \times r \times \sin \alpha - \frac{1}{2} \times r \times r \times \sin \alpha = IV$$

$$\sin \alpha (IV_1 - IV_2) = \frac{1}{2} \times r \times r \times \sin \alpha$$



$$\frac{BN}{CN} = \frac{r}{r} \quad \frac{BN}{BC} = \frac{r}{\mu}$$

مساحت $\Delta BMN = \frac{1}{2} \times BM \times BN \times \sin \alpha$
 $\frac{BM}{BA} \times \frac{BN}{BC} = \frac{BM}{BC}$

$$\frac{BM}{AM} = \frac{d/2}{d} = \frac{1}{2}$$

$$r = \frac{1}{2} \times d = \frac{d}{2} = BM$$

دیدار کسانی که دوستان داری همیشه شادی آور است. خواب. وزارت

$$\frac{1}{|\cos \alpha|} = \frac{1 + \sin \alpha}{|\cos \alpha|} = \tan \alpha + \frac{\sin \alpha}{\cos \alpha}$$

$$f) \text{ we } -10$$

$$\frac{-\sin \alpha}{|\cos \alpha|} = \frac{\sin \alpha}{\cos \alpha} \quad \text{if } \cos \alpha < 0$$

$$\frac{|\sin \alpha|}{\cos \alpha} = \frac{\sin \alpha}{\cos \alpha} \quad \text{if } \sin \alpha > 0$$