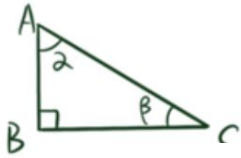
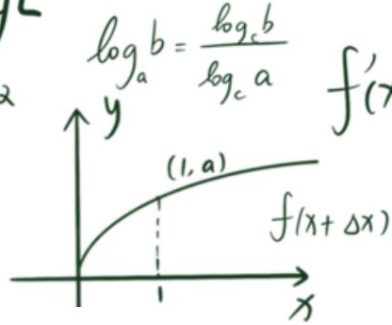


$$X_L = \frac{V_m}{I_m} = \omega L = 2\pi fL$$

$$\sin^2 \alpha + \cos^2 \alpha = 1 \quad \lg^2 \alpha + 1 = \frac{1}{\cos^2 \alpha} = \sec^2 \alpha$$



$$L = \frac{2 \lg \frac{d}{2}}{1 + \lg^2 \frac{d}{2}}$$



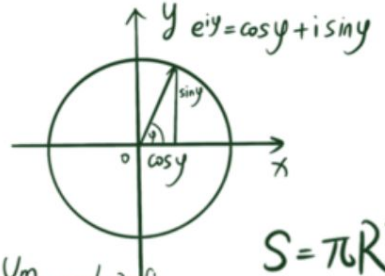
$$S = \pi R^2$$

$$f'(x) = \lim_{\Delta x \rightarrow 0} \frac{f(x + \Delta x) - f(x)}{\Delta x}$$



$$X_L = \frac{V_m}{I_m} = \omega L = 2\pi fL$$

$$e^{iy} = \cos y + i \sin y \quad X_L = \frac{V_m}{I_m} = \omega L = 2\pi fL$$



$$S = \pi R^2$$

$$\int x dx$$

$$a^2 + b^2 = c^2$$

coso I am a student at **Texas Tech**.

My friend is studying at **UT Austin**.

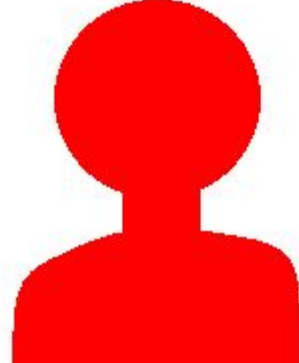
$$\cos \alpha - \cos \beta = -2 \sin \frac{\alpha + \beta}{2} \sin \frac{\alpha - \beta}{2}$$

$$a = b \Rightarrow a = c$$

$$S = \pi R^2 \quad f$$

$$a = b \Rightarrow a$$

$$b = c$$



$$\frac{2 \lg \frac{d}{2}}{1 + \lg^2 \frac{d}{2}} \quad \lg^2 \alpha + 1 = \frac{1}{\cos^2 \alpha} = \sec^2 \alpha$$

$$X_L = \frac{V_m}{I_m} = \omega L$$



$$X_L = \frac{V_m}{I_m} = \omega L = 2\pi fL$$

$$\Delta x)$$

$$\log_a b = \frac{\log_c b}{\log_c a}$$