$$\sin x = \frac{1}{\csc x} \qquad \csc x = \frac{1}{\sin x}$$

$$\cos x = \frac{1}{\sec x} \qquad \sec x = \frac{1}{\cos x}$$

$$\tan x = \frac{1}{\cot x} \qquad \cot x = \frac{1}{\tan x}$$

$$\sin x = \frac{o}{h} \qquad \csc x = \frac{h}{o}$$

$$\cos x = \frac{a}{h} \qquad \sec x = \frac{h}{a}$$

$$\tan x = \frac{o}{a} \qquad \cot x = \frac{a}{o}$$

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

$$\tan^2 x + 1 = \sec^2 x$$

$$1 + \cot^2 x = \csc^2 x$$

$$y = A\sin(Kx + C) + H$$

$$period = \frac{2\pi}{k}$$

$$phase\ shift = \frac{-c}{k}$$

$$\sin(-x) = -\sin(x)$$

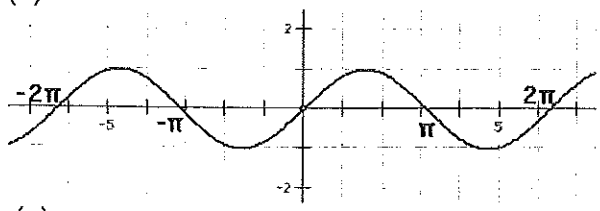
$$\cos(-x) = \cos(x)$$

$$\tan x = \frac{\sin x}{\cos x} \qquad \cot x = \frac{\cos x}{\sin x}$$

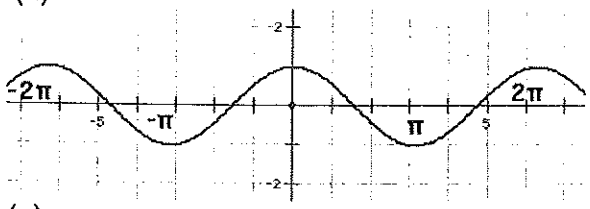
$$\frac{D}{360} = \frac{R}{2\pi}$$

Trig. Graphs

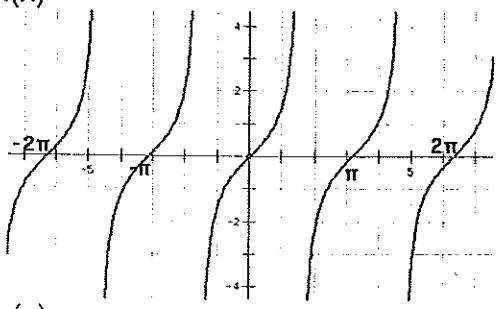
Y = sin(x)



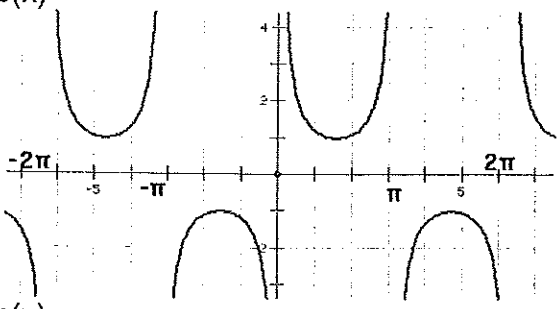
Y = cos(x)



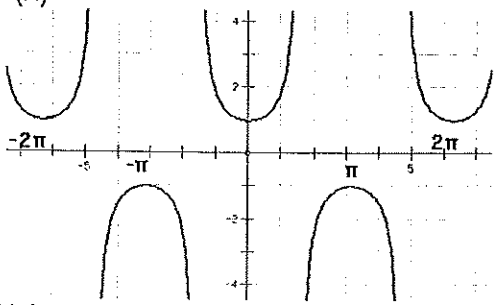
Y = tan(x)



Y = csc(x)



Y = sec(x)



Y = cot(x)