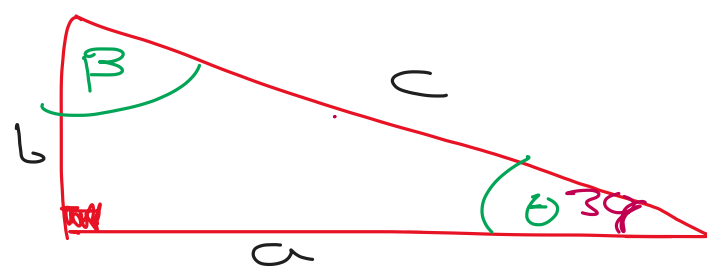


$$\sin(\theta) = \frac{op}{H}$$

$$\cos(\theta) = \frac{adj}{H}$$

$$\tan(\theta) = \frac{op}{adj} = \frac{\sin(\theta)}{\cos(\theta)}$$



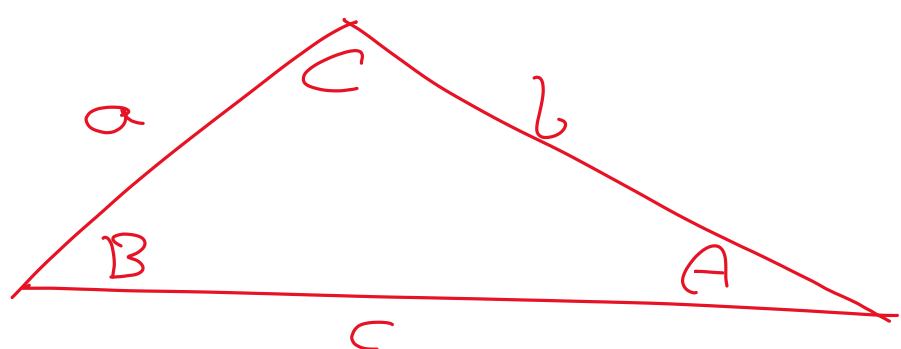
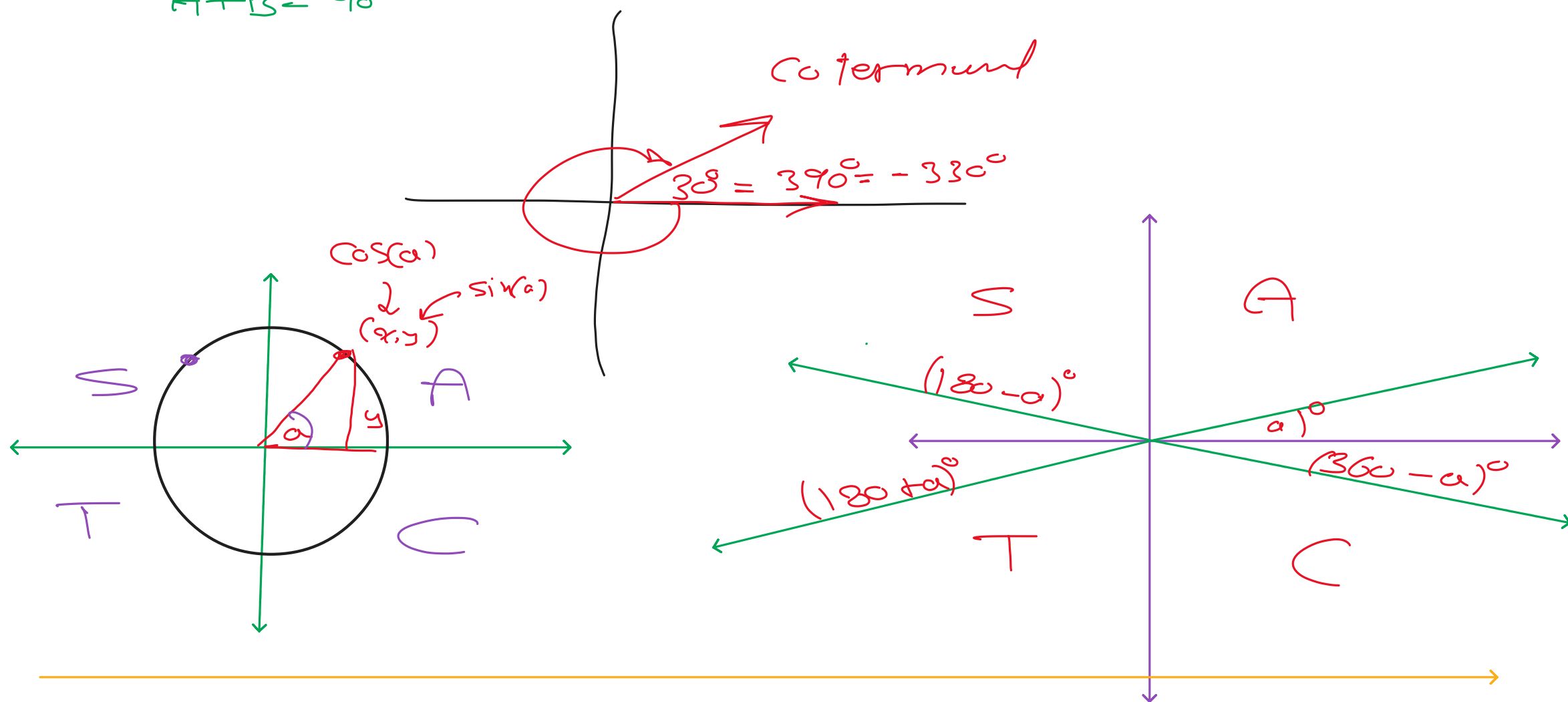
$$\cos(x) = \sin(90^\circ - x)$$

$$\sin(x) = \cos(90^\circ - x)$$

$$\sin(A) = \cos(B)$$

$$A + B = 90^\circ$$

$$\cos^2(\theta) + \sin^2(\theta) = 1$$



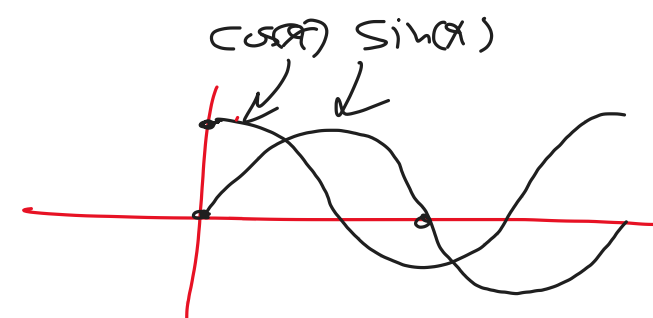
$$\frac{\sin(A)}{a} = \frac{\sin(B)}{b} = \frac{\sin(C)}{c}$$

$$c^2 = a^2 + b^2 - 2(a)(b)\cos(C)$$

$$f(x+p) = f(x)$$

$$y = \cos(\theta)$$

$$y = \sin(\theta)$$



	$P = \frac{1}{F}$	A	Range
$a \cos(bx - h) + k$	$\frac{2\pi}{b}$	$ a $	$[- a + k, a + k]$
$a \sin(bx - h) + k$			
$a \tan(bx - h) + k$	$\frac{\pi}{b}$	—	—

even

$$f(-x) = f(x)$$

$$y = \cos(x)$$

$$y = x^2$$

$$y = |x|$$

odd

$$f(-x) = -f(x)$$

$$y = \sin(x)$$

$$y = \tan(x)$$

$$y = x^3$$