Periodic Trig Functions

Periodic Formulas

If n is an integer then,

$$\sin(\theta + 2\pi n) = \sin(\theta) \quad \csc(\theta + 2\pi n) = \csc(\theta)$$

$$\cos(\theta + 2\pi n) = \cos(\theta) \quad \sec(\theta + 2\pi n) = \sec(\theta)$$

$$\tan(\theta + \pi n) = \tan(\theta) \quad \cot(\theta + \pi n) = \cot(\theta)$$