



periodic if there is a positive mumber p such that f(x+p) = f(x) fox all or in the domain of f The smallest such number p is called the period of f. Sin (20+2T) = Sin (x) $ecs(x+2\pi)=ccs(x)$ Sin (x+ 2Th) = Sin (x) cos (x+ 27 m) = cos (x) Sec $(x+2\pi) = \frac{1}{\cos(x+2\pi)} = \frac{1}{\cos(x)} = \sec(x)$ tan (x+ T) = tan (x) Identities (Even) Odd identities) Sin(-x) = -Sin(x) cos(-x) = cos(x)CSC(-x) = -CSC(x) See (-x) = Sec(x) $tan(-x) = -tan(x) \quad cot(-x) = -cot(x)$







