

4.7 Periodicity of Trigonometric Functions

392. $\sin(\alpha \pm 2\pi n) = \sin \alpha$, period 2π or 360° .

393. $\cos(\alpha \pm 2\pi n) = \cos \alpha$, period 2π or 360° .

394. $\tan(\alpha \pm \pi n) = \tan \alpha$, period π or 180° .

395. $\cot(\alpha \pm \pi n) = \cot \alpha$, period π or 180° .