



Co-Function Identities

$$\sin \left(\frac{\pi}{2} - \theta \right) = \cos \theta$$

$$\cos \left(\frac{\pi}{2} - \theta \right) = \sin \theta$$

$$\tan \left(\frac{\pi}{2} - \theta \right) = \cot \theta$$

$$\cot \left(\frac{\pi}{2} - \theta \right) = \tan \theta$$

$$\sec \left(\frac{\pi}{2} - \theta \right) = \operatorname{cosec} \theta$$

$$\operatorname{cosec} \left(\frac{\pi}{2} - \theta \right) = \sec \theta$$