

Trigonometry Formulas

$$\sin\theta = \frac{\text{Opposite}}{\text{Hypotenuse}}$$

$$\text{Opposite} = \sin\theta \times \text{Hypotenuse}$$

$$\text{Hypotenuse} = \frac{\text{Opposite}}{\sin\theta}$$

$$\cos\theta = \frac{\text{Adjacent}}{\text{Hypotenuse}}$$

$$\text{Adjacent} = \cos\theta \times \text{Hypotenuse}$$

$$\text{Hypotenuse} = \frac{\text{Adjacent}}{\cos\theta}$$

$$\tan\theta = \frac{\text{Opposite}}{\text{Adjacent}}$$

$$\text{Opposite} = \tan\theta \times \text{Adjacent}$$

$$\text{Adjacent} = \frac{\text{Opposite}}{\tan\theta}$$