

Name : _____

Trigonometric Ratio Charts

Sine θ

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

Cosine θ

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

Tangent θ

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

Cosecant θ

$$\csc \theta = \frac{\text{Hypotenuse}}{\text{Opposite Leg}}$$

Secant θ

$$\sec \theta = \frac{\text{Hypotenuse}}{\text{Adjacent Leg}}$$

Cotangent θ

$$\cot \theta = \frac{\text{Adjacent Leg}}{\text{Opposite Leg}}$$