

Trigonometry

Relates the angles of a RIGHT triangle to the ratios of side lengths

$$\sin \theta = \frac{\text{opposite}}{\text{Hypotenuse}} = \frac{O}{H}$$

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

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

