

SOHCAHTOA → Works For right angled triangles

$$\sin \theta = \frac{\text{opposite}}{\text{hypotenuse}}$$

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

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

when we know sides and angles

If we know 2 sides we can find an angle

If we know one side and one angle we can find another side