# Trigonometry

## Intro to the trigonometric ratios

### Sin | Cos | Tan

Truc mémo technique:

θ = angle

#### Trigonometric function

sin/cos/tan are trigonometric functions. They help find the side length of a triangle with a right angle. They take angle and help us find side ratio. You have to know at least 1 angle and 1 side length

Sin θ = Soh = Oposite/ Hypothenuse

Cos θ = cah = Adjecente/Hypothénuse

Tan θ = toa = Opposite/adjacent

#### Inverse trigonometric function

Sin-1(arcsin)/Cos-1(arccos)/tan-1(arctan) are the opposite of the trigonometric function. They take side length and spit out angles