

# Trigonometry Formula Mnemonics

## Sine

$$\sin = \frac{\text{opp}}{\text{hyp}}$$

Menemonic: **S**ign up (opp) for the happy (hyp) birthday function.

## Cosine

$$\cos = \frac{\text{adj}}{\text{hyp}}$$

Menemonic: 'Coz (because: cos) **adjectives** make me **hyper**.

## Tangent

$$\tan = \frac{\text{opp}}{\text{adj}}$$

Menemonic: **tan** is the **opposite adjective** of fair.

## Cosecant

$$\cosec = \frac{\text{hyp}}{\text{opp}}$$

Menemonic: **cosec** is **hyperly opposite** of sine.

## Secant

$$\sec = \frac{\text{hyp}}{\text{adj}}$$

Menmonic: **sec** is **hyperbole** figure of speech of trigonometry and not an **adjecttive**.

## Cotangent

$$\cot = \frac{\text{adj}}{\text{opp}}$$

Menemonic: Cottage (cot adj) cheese is the **opp** of cheese cottage.

