

Trigonometry Formula Mnemonics

Sine

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

Menomonic: **Sign** up (opp) for the happy (hyp) birthday function.

Cosine

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

Menomonic: 'Coz (because: cos) **adj**ectives make me **hyper**.

Tangent

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

Menomonic: **tan** is the **opposite adj**ective of fair.

Cosecant

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

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

Secant

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

Menomonic: **sec** is **hyperbole** figure of speech of trigonometry and not an **adjective**.

Cotangent

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

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

