How to Use SOH-CAH-TOA

Name _____

Date _____ Period _____

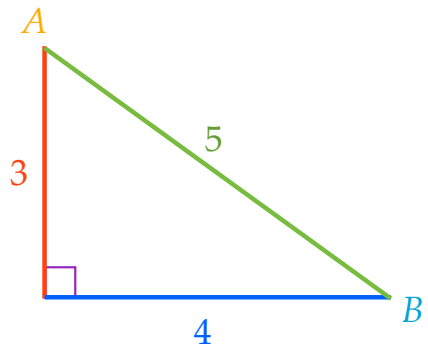
$$\sin \angle = \frac{\text{opposite}}{\text{hypotenuse}} \qquad \text{SOH}$$

$$\cos \angle = \frac{\text{adjacent}}{\text{hypotenuse}} \qquad \text{CAH}$$

$$\tan \angle = \frac{\text{opposite}}{\text{adjacent}} \qquad \text{TOA}$$

Find the sin, cosine, and tangent ratios of $\angle A$ and $\angle B$.

SOH-CAH-TOA

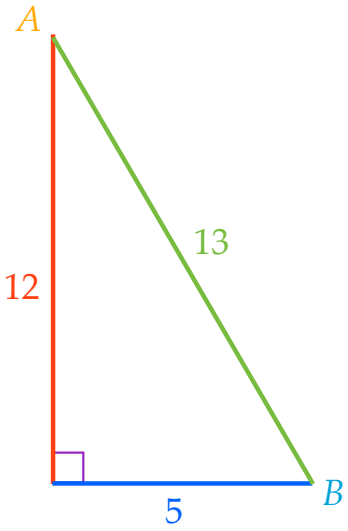


$S = \frac{O}{H}$ $\sin A =$ $\sin B =$

$C = \frac{A}{H}$ $\cos A =$ $\cos B =$

$T = \frac{O}{A}$ $\tan A =$ $\tan B =$

Find the sin, cosine, and tangent ratios of $\angle A$ and $\angle B$.



SOH-CAH-TOA

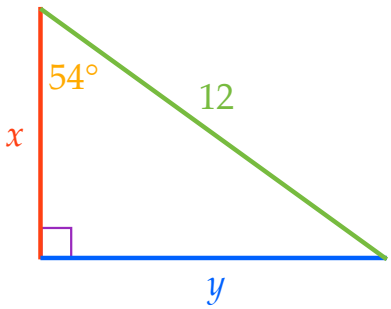
$S = \frac{O}{H}$ $\sin A =$ $\sin B =$

$C = \frac{A}{H}$ $\cos A =$ $\cos B =$

$T = \frac{O}{A}$ $\tan A =$ $\tan B =$

Solve for the value of x and y.

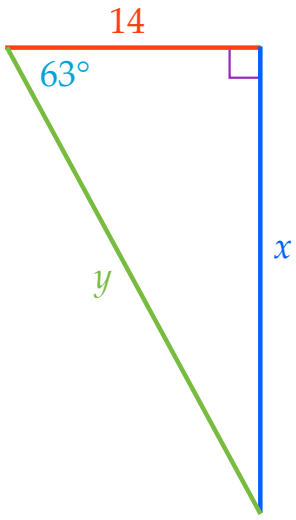
SOH-CAH-TOA



To solve for x

To solve for y

Solve for the value of x and y.

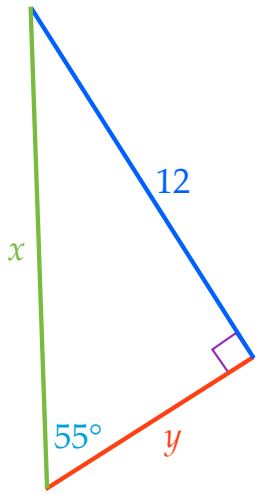


SOH-CAH-TOA

To solve for x

To solve for y

Solve for the value of x and y.



SOH-CAH-TOA

To solve for x

To solve for y

SOH CAH TOA

$$\sin \angle = \frac{\text{opposite}}{\text{hypotenuse}} \qquad \cos \angle = \frac{\text{adjacent}}{\text{hypotenuse}} \qquad \tan \angle = \frac{\text{opposite}}{\text{adjacent}}$$