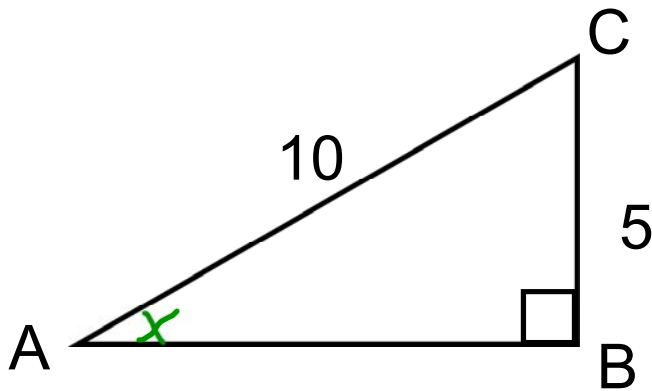


SOH CAH TOA
Find a Missing Angle



$$\begin{aligned} \theta &= X \\ O &= 5 \\ \hline A &= \\ H &= 10 \end{aligned}$$

$$\sin \theta = \frac{O}{H}$$

$$\sin X = \frac{5}{10}$$

$$5 \div 10 = \text{AND } \sin^{-1}$$

$$X = \sin^{-1} \frac{5}{10}$$

$$X = 30^\circ$$

Using a calculator find the missing angles:

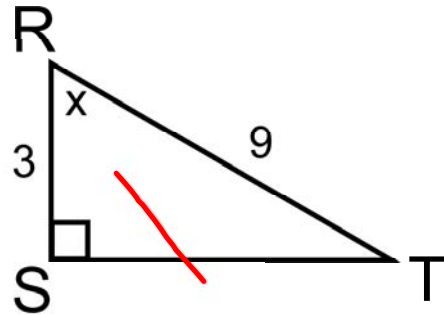
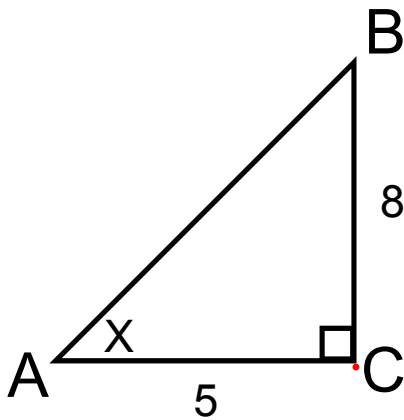
Find $\angle B$ if $\cos \angle B = 0.9336$ $\angle B = \underline{21^\circ}$

Find $\angle C$ if $\tan \angle C = 3.0777$ $\angle C = \underline{72^\circ}$

Find $\angle D$ if $\sin \angle D = 3/5$ $\angle D = \underline{37^\circ}$

Find $\angle E$ if $\cos \angle E = 1/2$ $\angle E = \underline{60^\circ}$

Find x



~~$\theta = x$~~
 $O = 8$
 $A = 5$
 H

$TAN \theta = \frac{8}{5}$

$x = TAN^{-1} \frac{8}{5}$

$8 \div 5 = 1.6 = TAN$

$x = 58^\circ$

~~$\theta = x$~~

~~θ~~

$A = 3$

$H = 9$

$COS \theta = \frac{3}{9}$

$COS x = \frac{3}{9}$

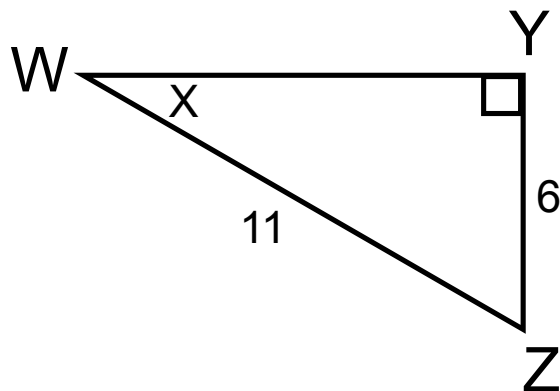
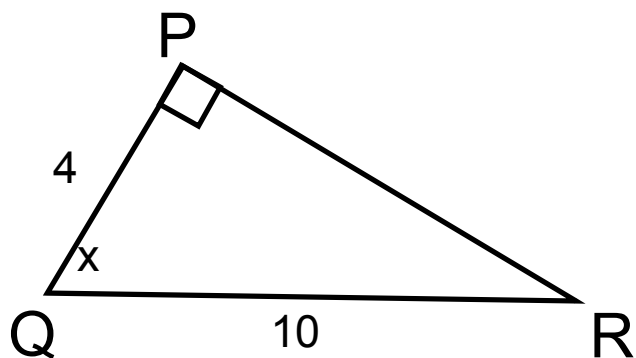
$x = \frac{3}{9} COS^{-1}$



$COS x = \frac{3}{9}$

$x = \frac{3}{9} COS^{-1}$

$x = 71^\circ$



Do WS Find Missing Angles

Do R.H.S of WS "Books Never Read"