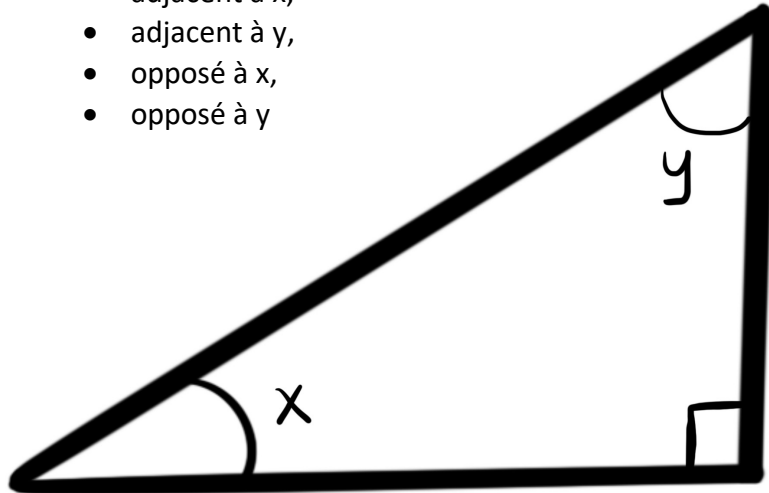


# Trigonométrie dans le triangle rectangle

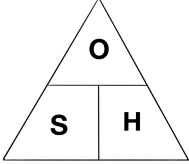
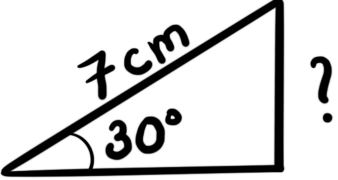
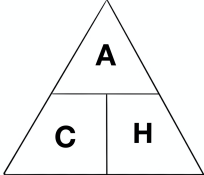
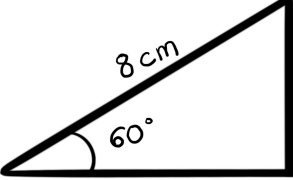
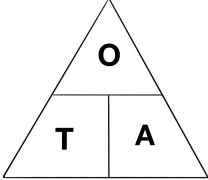
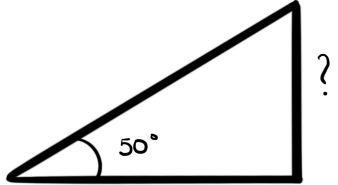
Placer ci-dessous :

- hypoténuse,
- adjacent à  $x$ ,
- adjacent à  $y$ ,
- opposé à  $x$ ,
- opposé à  $y$



Compléter :

- $\cos(x)^2 + \sin^2(x) =$
- $x + y + 90^\circ =$
- $x + y =$

<p style="text-align: center;"><b>SOH</b></p>  $\sin(x) = \frac{\textit{opposé}}{\textit{hypothénuse}}$	
<p style="text-align: center;"><b>CAH</b></p>  $\cos(x) = \frac{\textit{adjacent}}{\textit{hypothénuse}}$	
<p style="text-align: center;"><b>TOA</b></p>  $\tan(x) = \frac{\textit{opposé}}{\textit{adjacent}}$	

$$\cos(x) = \frac{adj}{hyp}$$

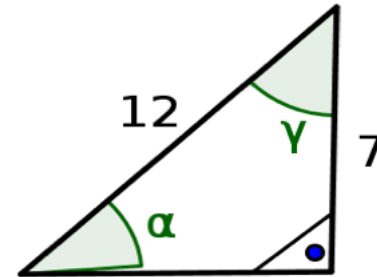
$$x = \cos^{-1}\left(\frac{adj}{hyp}\right)$$

$$\sin(x) = \frac{opp}{hyp}$$

$$x = \sin^{-1}\left(\frac{opp}{hyp}\right)$$

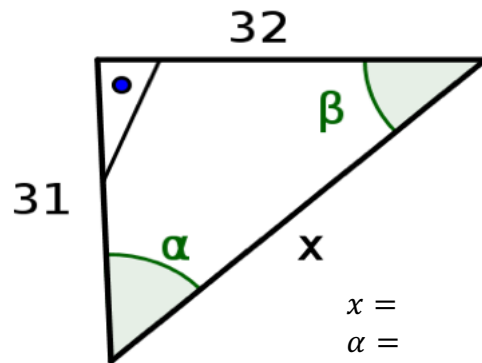
$$\tan(x) = \frac{opp}{adj}$$

$$x = \tan^{-1}\left(\frac{opp}{adj}\right)$$



$$\alpha =$$

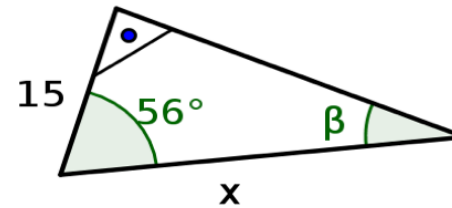
$$\gamma =$$



$$x =$$

$$\alpha =$$

$$\beta =$$



$$x =$$

$$\beta =$$