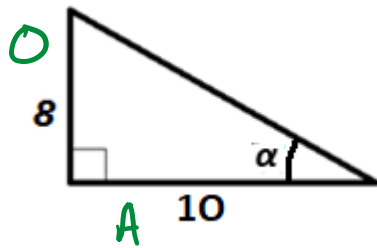


Exercice 1 :

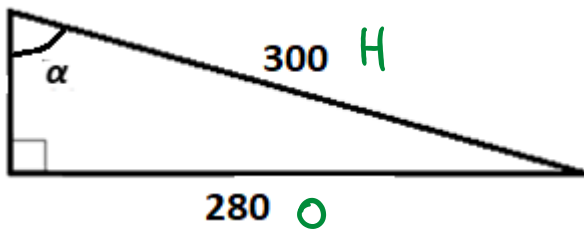
Calculer l'angle α 

TOA

$$\tan \alpha = \frac{8}{10}$$

$$\alpha = \arctan\left(\frac{8}{10}\right) \approx 38,7^\circ$$

Exercice 3 :

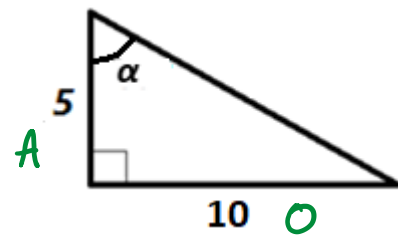
Calculer l'angle α 

SOH

$$\sin \alpha = \frac{280}{300}$$

$$\alpha = \arcsin\left(\frac{280}{300}\right) \approx 63^\circ$$

Exercice 2 :

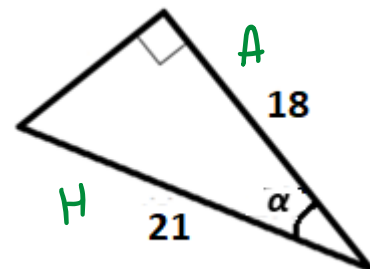
Calculer l'angle α 

TOA

$$\tan \alpha = \frac{10}{5}$$

$$\alpha = \arctan\left(\frac{10}{5}\right) \approx 63,4^\circ$$

Exercice 4 :

Calculer l'angle α 

CAH

$$\cos \alpha = \frac{18}{21}$$

$$\alpha = \arccos\left(\frac{18}{21}\right) \approx 31^\circ$$