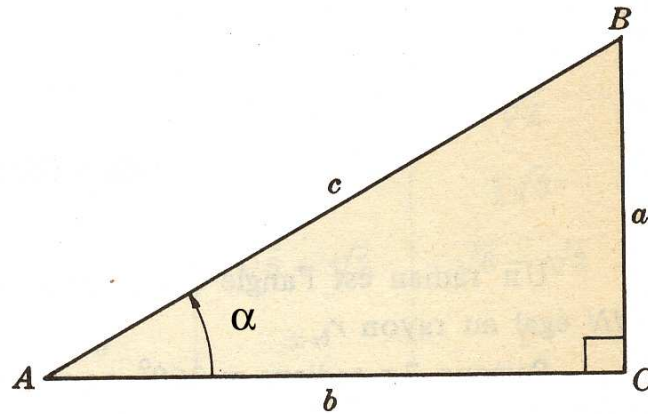


Relations trigonométriques dans le triangle rectangle

a, b = côtés ; c = hypoténuse ; $\hat{C} = 90^\circ$



$$\sin \alpha = \frac{a}{c} \Leftrightarrow a = c \cdot \sin \alpha$$

$$\cos \alpha = \frac{b}{c} \Leftrightarrow b = c \cdot \cos \alpha$$

$$\tan \alpha = \frac{a}{b} \Leftrightarrow a = b \cdot \tan \alpha$$

$$\cot \alpha = \frac{b}{a} \Leftrightarrow b = a \cdot \cot \alpha$$