

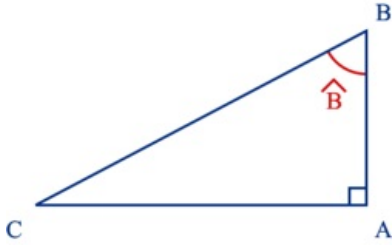
Fiche

Le cosinus et le sinus

Dans un triangle ABC rectangle en A, on a :

$$\cos B = \frac{BA}{BC}$$

$$\sin B = \frac{AC}{BC}$$



On retient :

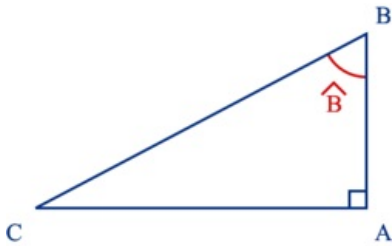
$$\text{cosinus d'un angle aigu} = \frac{\text{cote adjacent}}{\text{hypotenuse}}$$

$$\text{sinus d'un angle aigu} = \frac{\text{cote oppose}}{\text{hypotenuse}}$$

La tangente

Dans un triangle ABC rectangle en A, on a :

$$\tan B = \frac{AC}{AB}$$



On retient :

$$\tan B = \frac{\text{cote oppose}}{\text{cote adjacent}}$$

$$\tan B = \frac{\sin B}{\cos B}$$