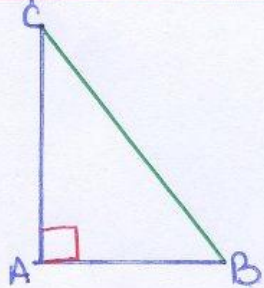


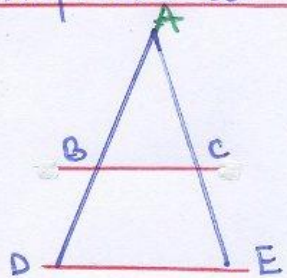
Formules à connaître pour le brevet

* Propriété de Pythagore :

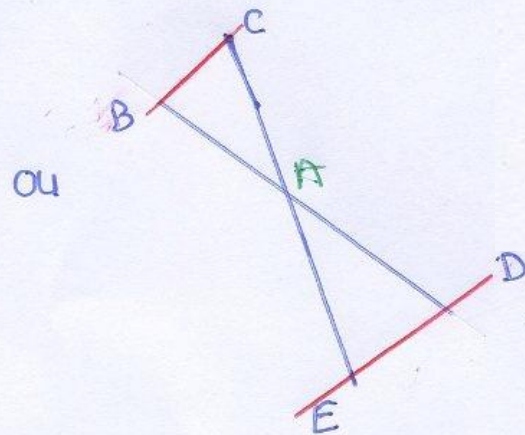


$$BC^2 = AB^2 + AC^2$$

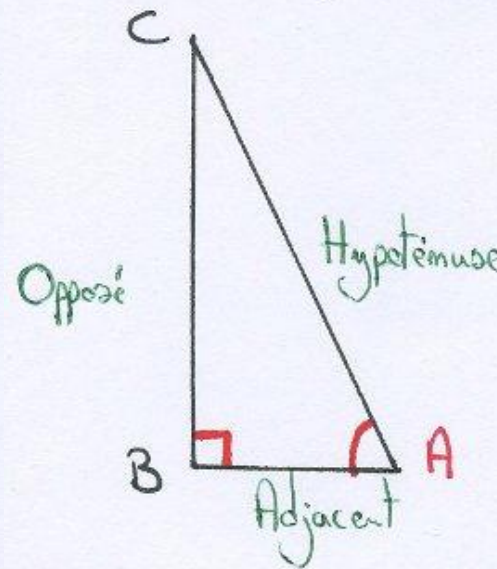
* Propriété de Thalès :



$$\frac{AB}{AD} = \frac{AC}{AE} = \frac{BC}{DE}$$



• Trigonométrie



$$\cos \hat{A} = \frac{\text{Adjacent}}{\text{Hypoténuse}}$$

$$\sin \hat{A} = \frac{\text{Opposé}}{\text{Hypoténuse}}$$

$$\tan \hat{A} = \frac{\text{Opposé}}{\text{Adjacent}}$$

C A S O T O
H H A