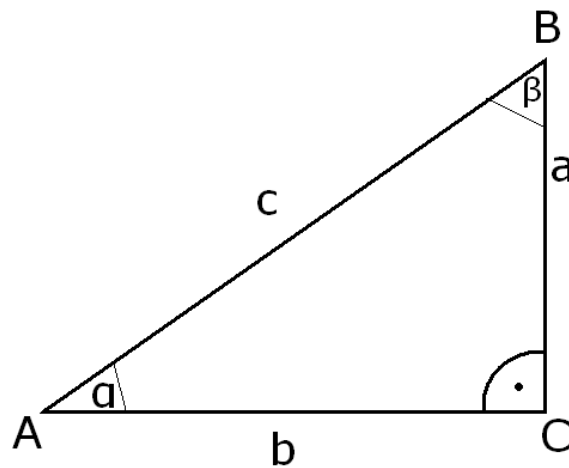


Trigonometry, the basic.

The pocket calculator is very good to calculate trigonometry functions. But of course it is also possible to use the calculator function on your PC.



This are the definitions of four trigonometry functions, in a triangle where $\angle C$ is 90° :



$$\text{Sin } A = \frac{a}{c}$$

$$\text{Cos } A = \frac{b}{c}$$

$$\text{Tg} = \frac{a}{b}$$

$$\text{Cot} = \frac{b}{a}$$

(Sine (Sin) Cosine (Cos) Tangent (Tg) Cotangent (Cot))

$$\angle a + \angle b + \angle c = 180^\circ \text{ (Always)}$$

A very important formula is Pythagoras formulary: $c = \sqrt{a^2 + b^2}$

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