

Trigonometry

SOH CAH TOA

Disclaimer

- a statement that denies something, especially responsibility!
- I am NOT teaching you math—I am NOT teaching you Trig—I am teaching you how to push buttons on a calculator!

Basic Trig

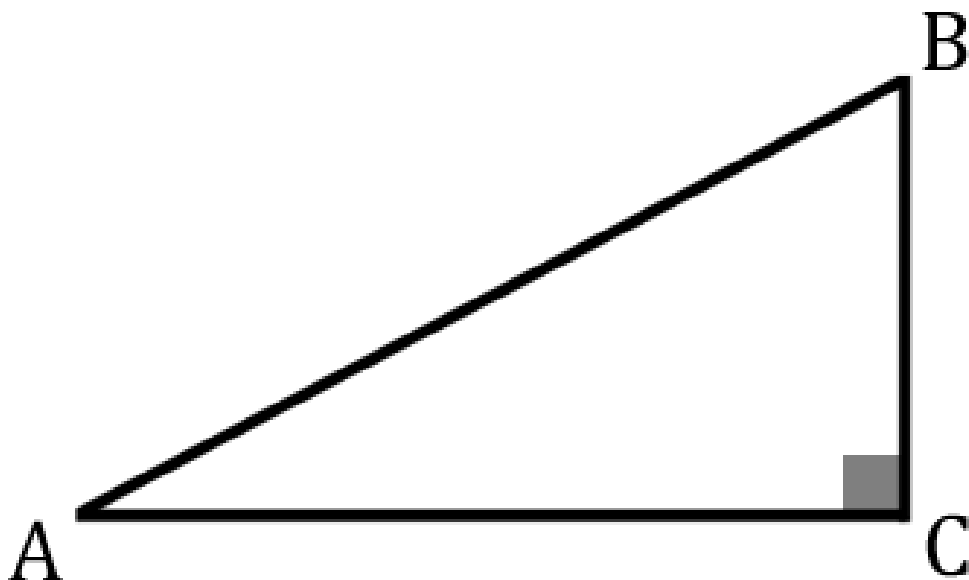
- is really about 3 functions which your math teacher will actually teach you in Sec. IV or V.

Sine \sin SOH

Cosine \cos CAH

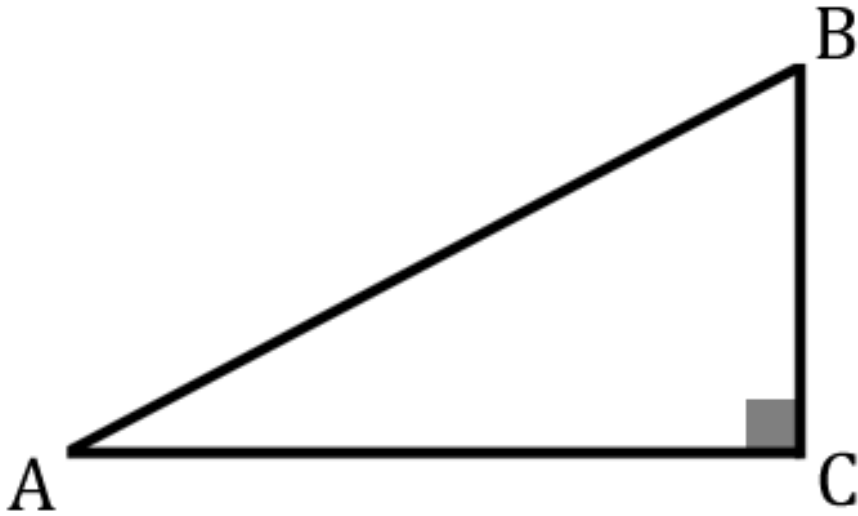
Tangent \tan TOA

Sin, cos and tan are ratios of the sides of a right angle triangle.



Pythagoras

Grade 10!



Angle Theta θ

Sin the ratio of the opposite side to the hypotenuse

Cos the ratio of the adjacent side to the hypotenuse

Tan the ratio of the opposite side to the adjacent side