Intro to Ch. 3 - Dimensional Motion and Vectors

Vector - quantities described using magnitude and direction.

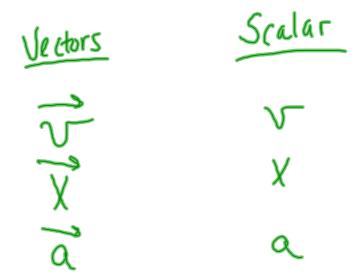
(ie: velocity, displacement, accel.)

Scalar - quantities described using magnitude ONLY (just #, no direction).

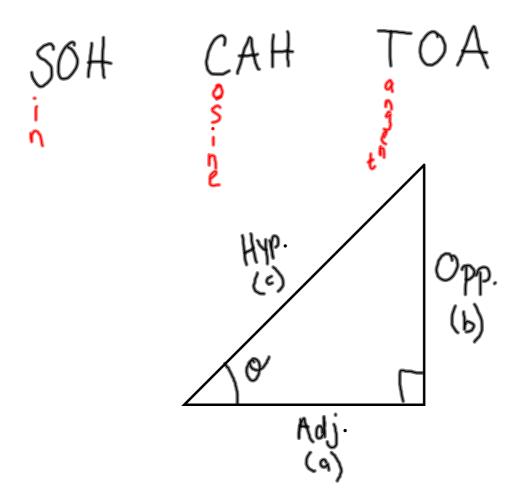
(ie: speed, distance, time, temperature)

v = bold v for vector

v = italics v for scalar

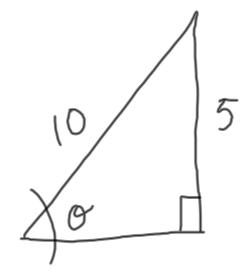


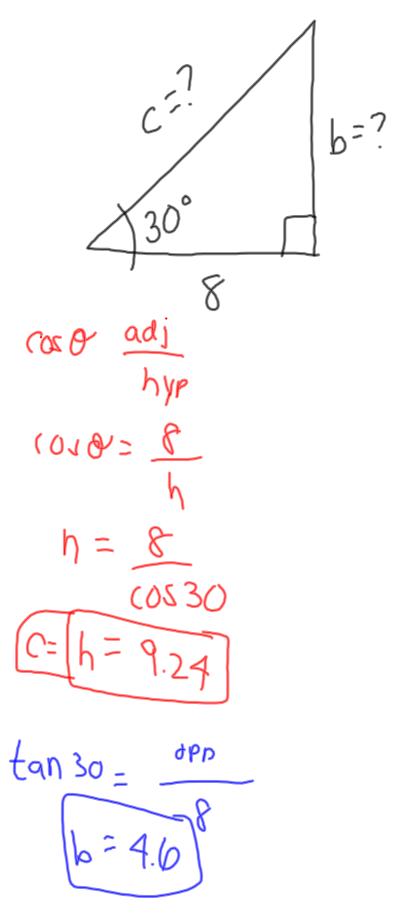
Resultant - sum of 2 or more vectors



$$\sin \varphi = \frac{opp}{hyp}$$







Oct 8-1:46 PM

Resolving Vectors into Components

