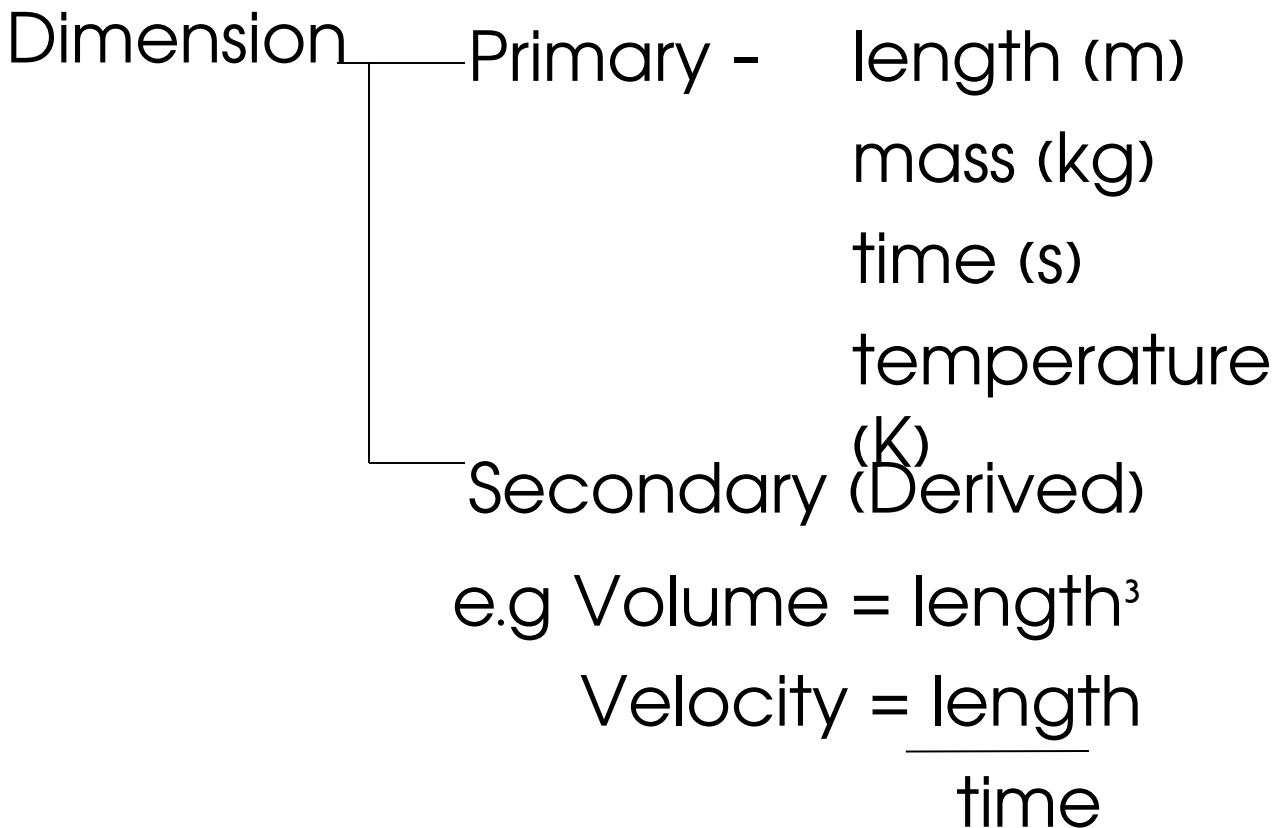


UNITS & DIMENSION

Physical Quantity = Dimension

(length, mass, time, temperature, velocity, volume, etc)

Measurement of Dimension = Unit
(meter, kg, seconds, ...) *SI system*



Unit Addition

- all terms must have the same dimension, unit, & factor
(dimensional homogeneity)

Unit Conversion

- Quantities are multiplied with **1**
(Quantities unchanged, but units have changed)
- *Except temperature conversion since it involves addition*