

Mass

- The amount of matter in an object
- measure using a balance scale
- unit of measure
g or Kg

Volume

- the amount of space an object takes up
- liquids - use a graduated cylinder or beaker (mL or L)
- regular solids - $L \times W \times H$ (cm³, m³, in³, ft³, etc.)
- irregular solids - water displacement
1 mL = 1 cm³

Density

- how closely packed together the particles are
- $D = \text{Mass} \div \text{Volume}$
 $D = \frac{M}{V}$
- unit of measure
g/mL or g/cm³