

Units of Measurement

Quantity = something that has magnitude, size or amount

(quantity rep by teaspoon is volume)

SI Units

- Le Systeme International d'Unites = SI
- adopted in 1960
- has 7 base units
 - all other units can be derived from these seven units

SI Base Units

Quantity	quantity symbol	unit name	unit abbreviation
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- prefixes are added to the base units for quantities that are larger or smaller than the base unit

Mass vs Weight

- Mass is the measure of _____ of matter
- Weight is the measure of the _____
_____ on matter
- Mass is measured using a balance and weight is measured using a spring scale
- g is base unit

Derived Units

- combinations of base units
- Produced by multiplying or dividing base units

Quantity	quantity symbol	unit name	unit abbreviation
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Volume

- the amount of space occupied by an object

Density