### Measurement, Mass, Volume and Density

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- Name: ___________________________________________  Date: ___________________
- Measurement, Mass, Volume and Density
- Precision balance
- Weight in grams
- Volume in milliliters
- Density in grams per milliliter
- Temperature in degrees Celsius
- Length in centimeters
- Water displacement in milliliters

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**Example:**
- A precision balance is used to measure weight in grams.
- The volume of a liquid is measured using a graduated cylinder.
- Density is calculated using the formula: 
  \[
  \text{Density} = \frac{\text{Mass}}{\text{Volume}}
  \]
- Temperature is measured using a thermometer.
- Length is measured using a ruler.
- Water displacement is determined by submerging an object in water and measuring the volume of water displaced.

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**Keywords:**
- Measurement
- Mass
- Volume
- Density
- Precision balance
- Weight
- Grams
- Milliliters
- Cylinder
- Formula
- Temperature
- Length
- Accuracy