



Measurement Unit Test Review

- Metric System
- Metre
- Gram
- kilogram
- Millilitre
- litre
- Meniscus
- Triple Beam Balance
- Digital Electronic Scale
- Pokèmon
- Graduated Cylinder
- Volume
- Capacity
- Centimetres cubed- cm^3
- 3-D
- $L \times W \times H = V$
- Regular Rectangular Prism
- Overflow Can
- Density
- $1\text{g}/\text{cm}^3$
- H_2O
- Density Cylinder
- Density Cube
- $M \div V = D$
- Mass

1. Can you:

- a. Use a **DIGITAL ELECTRONIC SCALE** to determine the mass/weight of an object?
- b. Use a **TRIPLE BEAM SCALE** to determine the mass/weight of an object?
- c. Use a **100mL GRADUATED CYLINDER** to measure volume to the nearest mL?
- d. Use a **25mL GRADUATED CYLINDER** to measure volume to the nearest $\frac{1}{2}$ mL?
- e. Use a **RULER** to measure length to the nearest $\frac{1}{10}$ cm or mm?
- f. Use an **OVERFLOW CAN** with a graduated cylinder to assist you in determining the volume of an irregularly shaped object?

2. Can you:

- a. Use the equation **$L \times W \times H = V$** (rect. prism) to determine the Volume of a Rectangular Prism?
- b. Use the equation **$M \div V = D$** to determine the Density of an object?
- c. Convert 1000g into 1kg?
- d. Convert 1000mL into 1L?

Density of Different Materials			
• Gold	19.3g/cm ³	• Butter	.87g/cm ³
• Silver	10.5g/cm ³	• Ice	.93g/cm ³
• Platinum	21.4g/cm ³	• Rubber	1.5g/cm ³
• Copper	8.9g/cm ³	• Paper	1.2g/cm ³
• Lead	11.3g/cm ³	• Gasoline	.74g/cm ³
• Iron	7.9g/cm ³	• Milk	1.1g/cm ³
• Steel	7.9g/cm ³	• Bamboo	.3g/cm ³
• Tin	7.3g/cm ³	• Maple	.76g/cm ³

3. Can you use the table above to answer the following question?

- a. A rectangular prism is 5cm long, 4cm wide and 6cm high. It weighs 1,068g. From what material is it made?

4.

- a. What level do you read in a **GRADUATED CYLINDER**?
- b. How do you spell **MENISCUS**?