NAME: _____   **YEAR 8**
STRAND – MEASUREMENT
SUB – STRAND: VOLUME/CAPACITY
CLO: Measure and calculate volumes of objects using formulas and compare units and solve problems.

Capacity

Capacity is the amount of something a container can hold. It is a measurement similar to volume in that they both deal with 3-dimensional shapes. Capacity is related mainly to liquid measurement and the basic unit is *litre*.

$$1 cm^3 = 1 ml$$
$$1 litre = 1000 mL$$

Weight

Weight is measured in grams (g) or kilograms (kg).
$$1 kg = 1000 g$$

QUESTIONS

1. Write the appropriate answer in each of the following.
   a). 1 L = _____ ml   d). 7.5L= _____ ml

   b). 3 L = _____ ml   e). 20L = _____ ml

   c). 4500ml= _____ L

2. Convert each of the following into the required units.
   a). 5kg = _____ g   b). 4500g= _____kg

   c). 6.5kg = _____ g   d).10500g= _____kg

3. How many 200ml bottles of water needed to fill 8L bucket?

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