

VOLUME AND CAPACITY

MEASUREMENT

1. (a) 1 L = mL (b) 2 L = mL
 (c) 5000 mL = L (d) 2.5 L = mL
 (e) 4500 mL = L (f) 4.4 L = mL
 (g) 6.1 L = mL (h) 2490 mL = L

2. Find six items used in your home that are measured in millilitres. Write the items in order of their total capacity. Start with the smallest capacity.

	Item	Capacity
Smallest		mL
Largest		

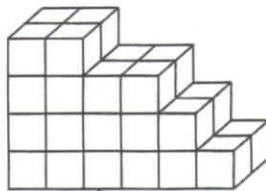
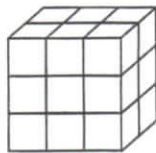
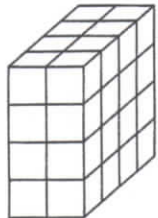
3. Calculate the range of difference between the following measurement of capacity.

- (a) 1 L and 500 mL = L or mL
 (b) 2 L and 400 mL = L or mL
 (c) 4 L and 1500 mL = L or mL
 (d) 10 L and 2500 mL = L or mL

4. How many 5 mL doses are in a 45 mL bottle of medicine?

5. How many 250 mL cups of water are needed to fill a 4 L container?

6. Write the volume of these 3-D cube models.



- (a) $V = \text{ cm}^3$ (b) $V = \text{ cm}^3$ (c) $V = \text{ cm}^3$ (d) $V = \text{ cm}^3$ (e) $V = \text{ cm}^3$

7. Find the volume of the following. (Volume = $L \times W \times H$)

- (a) Length = 2 m Width = 1 m Height = 2 m Volume = m^3
 (b) Length = 3 m Width = 2 m Height = 3 m Volume = m^3
 (c) Length = 5 m Width = 2 m Height = 10 m Volume = m^3