



Problem Solving with Volume and Capacity

Name: _____

Class: _____

Score: _____

Student Number: _____

Date: _____

Teacher: _____

Solve the following problems. Show the working. No erasure.

- 1.) An aquarium has a capacity of $24\text{ l } 500\text{ ml}$. It contains $15\text{ l } 800\text{ ml}$ of water. What is the volume of water needed to fill the aquarium to the brim? Express your answer in litres and millilitres.

A. Working:

B. Answer: _____

- 2.) A bottle contains 500 ml of water. Aree bought 4 such bottles of water. How much water did he buy in litres?

A. Working:

B. Answer: _____

3. A tank contains $5\text{ l } 600\text{ ml}$ of water. Another $6,800\text{ ml}$ of water is poured into it and the tank is completely full. Find the capacity of the tank in litres and millilitres.

A. Working:

B. Answer: _____