Stage 6 Mathematics Homework Worksheet

Topic: Capacity and Volume

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1. Explain the difference between the **capacity** and the **volume** of a container.

2. A jug has a capacity of 2 litres. It contains 750 millilitres of water.

Write the volume of water in the jug in litres.

_____ litres

3. A bottle contains 500 cm^3 of juice and is exactly half full.

What is the capacity of the bottle?

_____ cm^3

4. A stone is placed into a measuring jug. The water level rises from 200 ml to 260 ml.

What is the volume of the stone? _____ ml

5. A bucket has a capacity of 5 litres. It contains 3.2 litres of water.

How much more water is needed to fill the bucket? _____ litres

6. A glass holds approximately 250 ml of water.

Estimate how many glasses are needed to fill a 3-litre jug.

_____ glasses

7. Write 0.75 litres in millilitres.

_____ ml

8. Container A is tall and thin. Container B is short and wide. Both have a capacity of 1 litre.

When both containers are full, what can you say about the volume of water in each container?

9. A learner says, "The volume of water in the bottle is 1 litre, so the capacity of the bottle must be 1 litre."

Is the learner correct? Explain your answer.

10. Which unit is more appropriate for measuring the capacity of a large water tank: millilitres or litres?
Explain your answer.

LIVEWORKSHEETS