

Year 4 – Measure – Problem solving with Volume

1. Which item do you think is closest in volume to 1 litre?

A full bath. A bottle of water. A drop of rain.

2. Which item do you think is closest in volume to 1 millilitre?

A drop of water. A milk carton. A glass of water.

True or false:

3. There are 1000 millilitres in a litre?

4. To convert millilitres into litres, you multiply by 1000?

5. To convert litres into millilitres you divide by 100?

6. Mr Morgan's bag is 3.28 l. He wants to convert it into litres, can you help him?

7.

Amir and Alex work out the capacity of the pot by filling it with water, then pouring the water into the measuring cylinders.



Amir

The capacity of the pot is 302 ml

The capacity of the pot is 2 l and 300 ml.



Alex

Who do you agree with?
Explain why.

8.

True or False?

The tallest container has the largest capacity.

Use containers to decide whether the statement is true or false.

Record the capacity of the different containers in a table.

9.

Rosie has a litre bottle of water.



She pours a drink for herself and two friends. Their glasses can hold up to 250 ml.



Teddy has more than Amir.
Rosie has the most.

How much could each child have in their glass?

How much would be left in the bottle?

