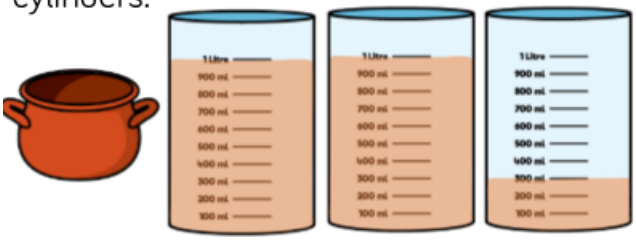
Measure Capacity (Y3)

Reasoning and problem solving

This page does not need to be printed. Write the date you do the work and the above title in your book, underlining them neatly with a ruler.

1) 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

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

Who do you agree with?
Explain why.

2) **True or False?**

The tallest container has the largest capacity.

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

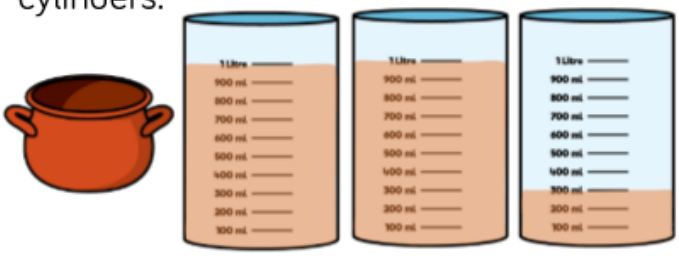
Record the capacity of the different containers in a table.

Answers are on the next page.

Measure Capacity (2)

Reasoning and Problem Solving

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.

Alex is correct because there are 2 full litres and 300 millilitres in the third cylinder.

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.

Children will collect different measurements of capacities from different containers. Children will hopefully find that as well as height, the capacity of the container also depends on its width.