

Day 1

Can measure accurately in l/ml

Can compare measures using the appropriate scale.

24/1/22

Day 1

In Focus



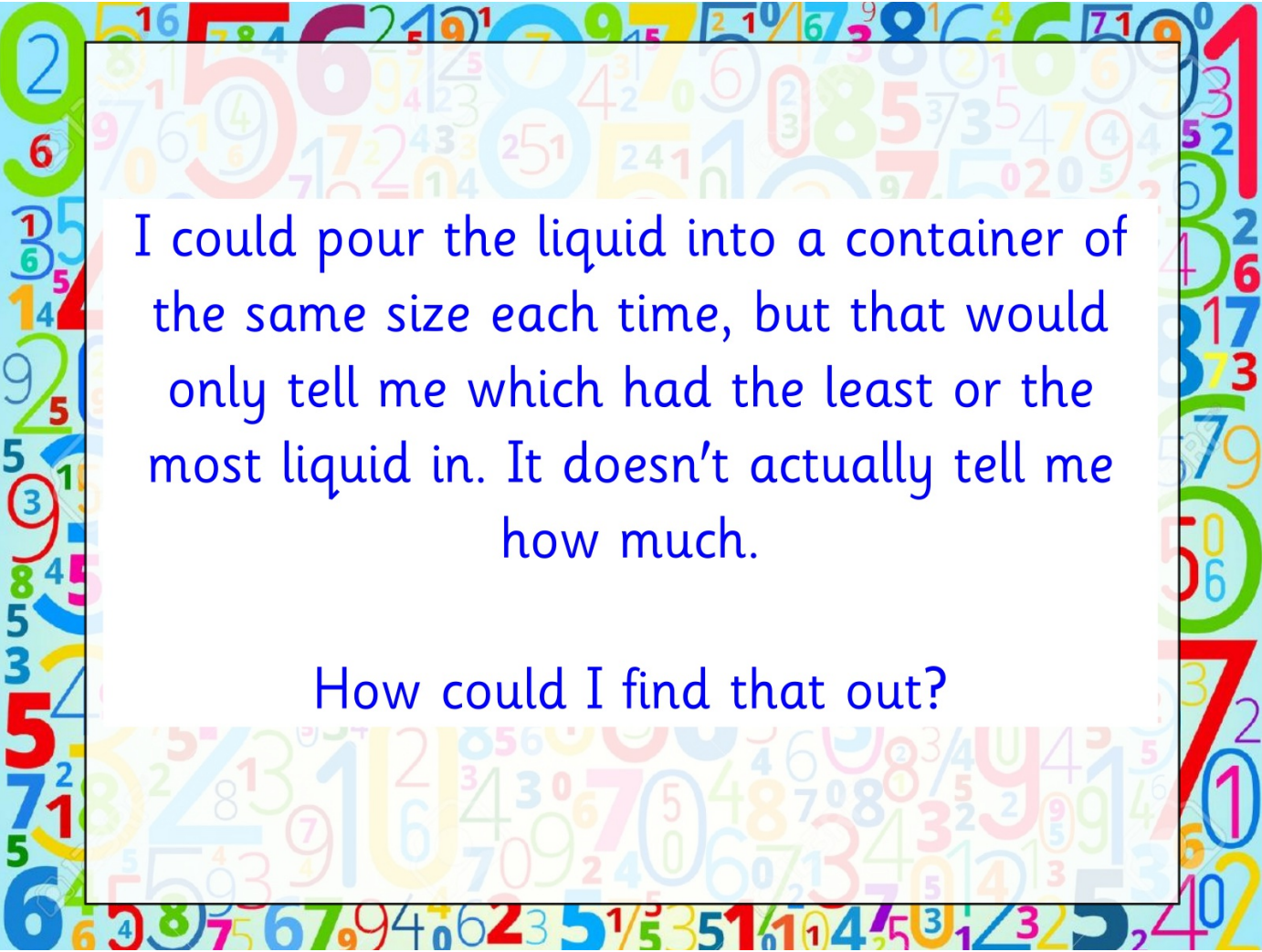
The volume of liquid in the jug is 1 litre.

The remaining three containers each contain less than 1 litre of liquid.

How can we find how much liquid there is in the remaining three containers?



Could I use this container to help me?

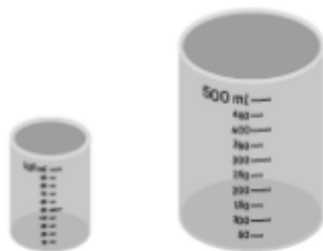


I could pour the liquid into a container of the same size each time, but that would only tell me which had the least or the most liquid in. It doesn't actually tell me how much.

How could I find that out?

Let's Learn

- 1 We measure volume with measuring beakers.



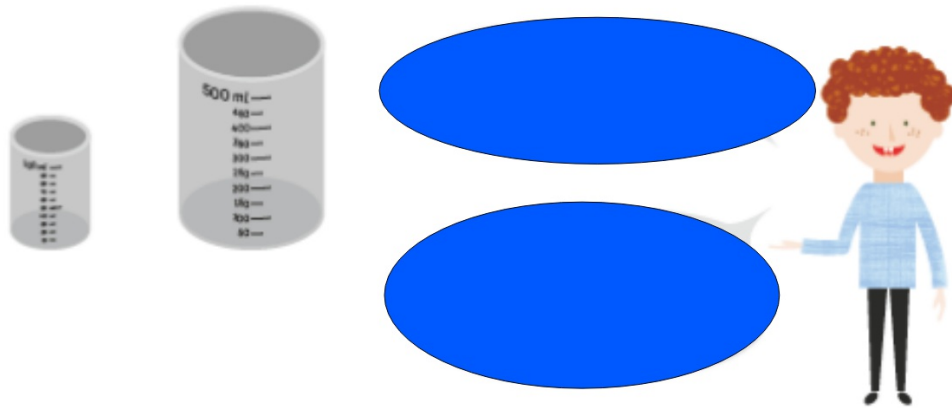
It is the same as length. We measure it in centimetres.



Is my friend correct?

Let's Learn

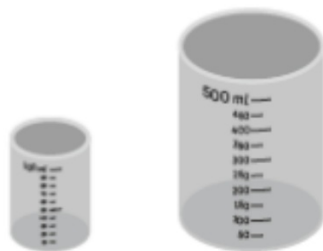
- 1 We measure volume with measuring beakers.



What do we call the units of measurement?

Let's Learn

- 1 We measure volume with measuring beakers.

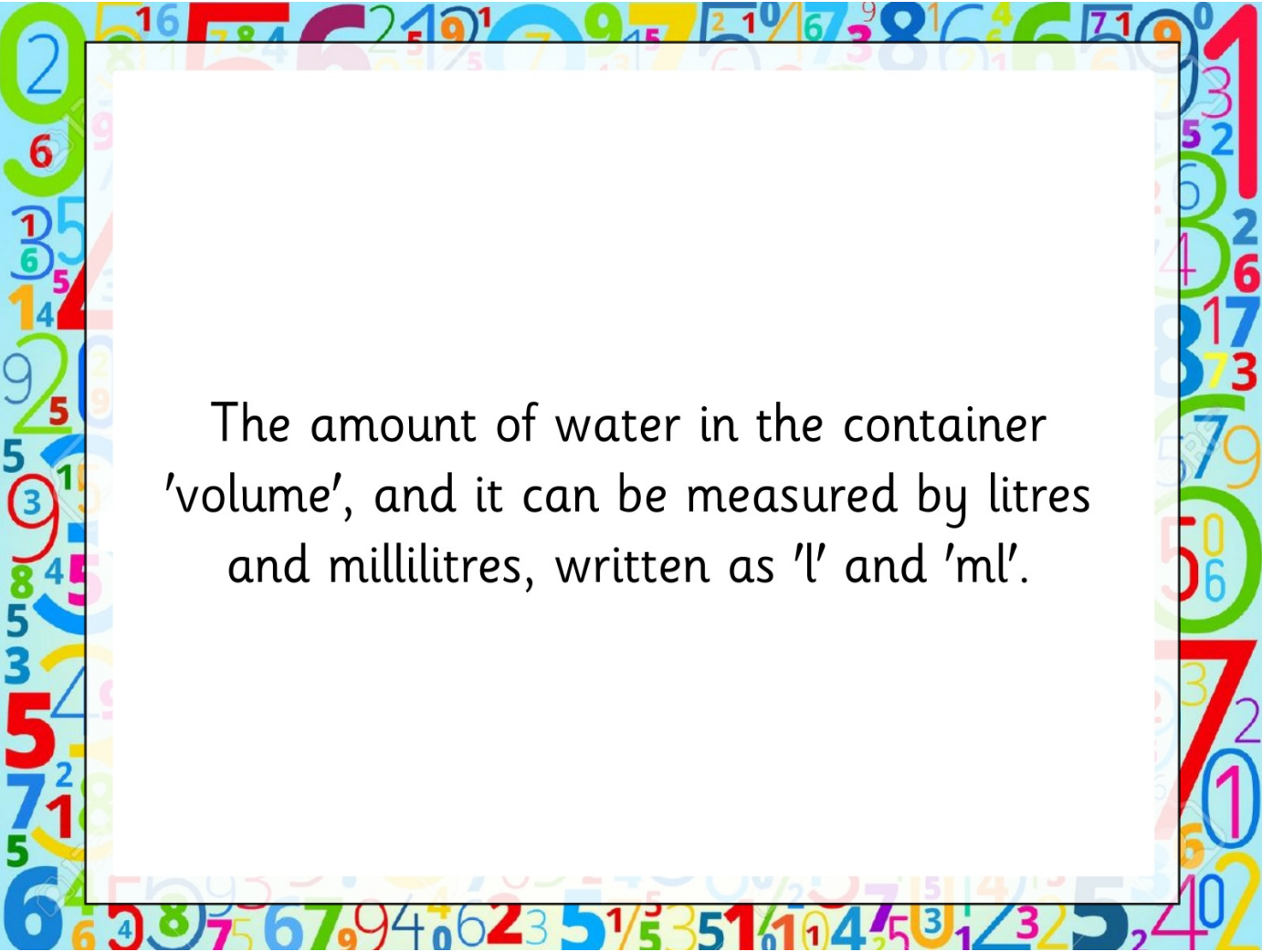


The beakers are marked in millilitres (ml).

The amount of water in a container is called the volume of water.

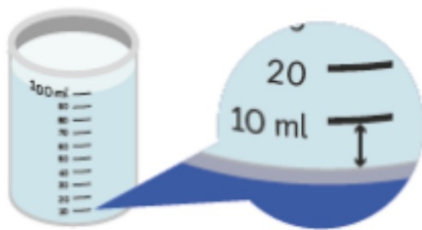


What do we call the units of measurement?



The amount of water in the container 'volume', and it can be measured by litres and millilitres, written as 'l' and 'ml'.

2



10, 20, 30, 40, 50,
60, 70, 80, 90, 100



This beaker measures up to 100 millilitres.
Each marking stands for 10 millilitres.



Do you know how many millilitres are in 1 litre?





Do you know how many millilitres are in 1 litre?



$$1\text{L} = 1000\text{ml}$$

Practical

Activity
Time

Work in groups of 3.

- ① Fill the small beaker with any amount of water.
- ② Measure the volume of water in each group's beaker.
- ③ Arrange the beakers from each group in your class according to volume.

What you need:

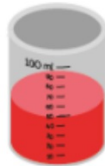


Have a go at this at home using different containers.

Guided Practice

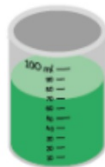
The beakers contain coloured water.
What is the volume of water in each beaker?

(a)



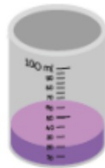
The volume of coloured water in the beaker is about millilitres.

(b)



The volume of coloured water in the beaker is about millilitres.

(c)



The volume of coloured water in the beaker is about millilitres.

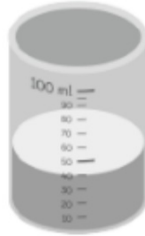
Complete and arrange the beakers in order of largest volume to smallest volume.

Name: _____ Class: _____ Date: 24/1/22

Worksheet 1

Measuring Volume in Millilitres

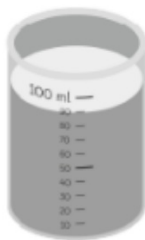
Find the volume of water in each beaker.



(a) The volume of water in the beaker is about millilitres.

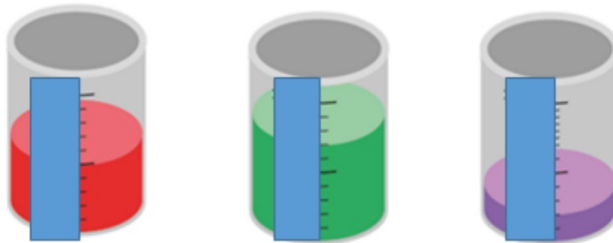


(b) The volume of water in the beaker is about millilitres.



(c) The volume of water in the beaker is about millilitres.

Going Deeper



Without being able to see the measurements of the liquid in the containers, how could you explain to someone that you knew which had the largest volume of liquid in?