

Day 4

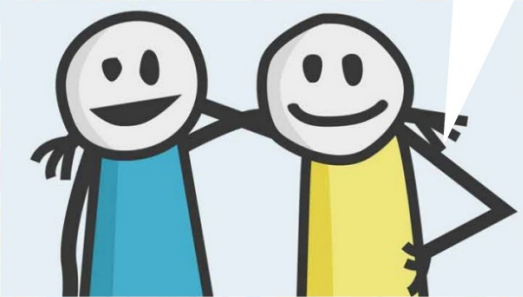
Can measure accurately in l/ml

Solve problems involving measures

27/1/22

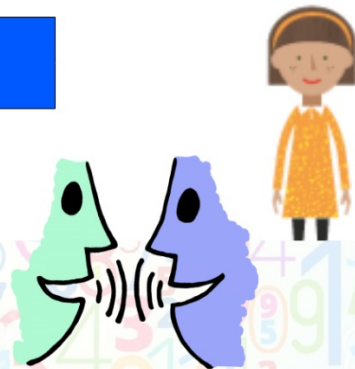
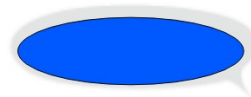
Day 4

If I filled up a 1l jug
with 100ml beakers,
how many would I
need?



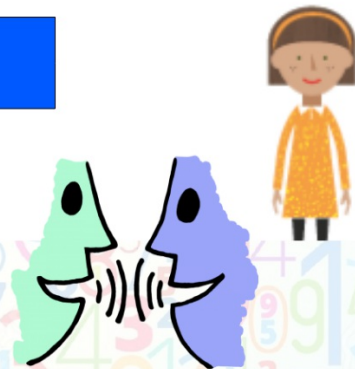
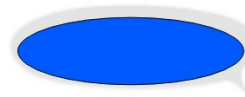
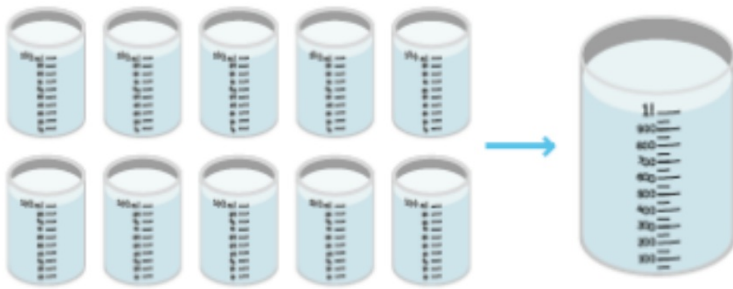
In Focus

How many millilitres make 1 litre?



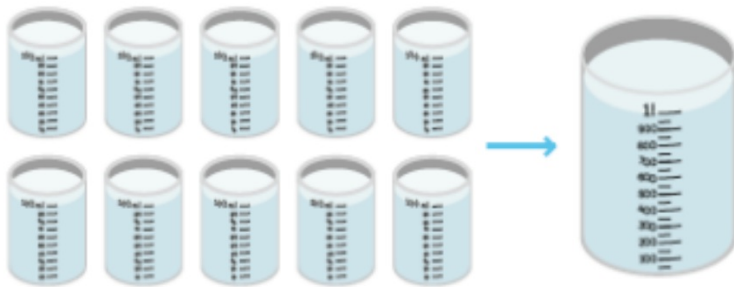
In Focus

How many millilitres make 1 litre?

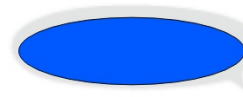


In Focus

How many millilitres make 1 litre?

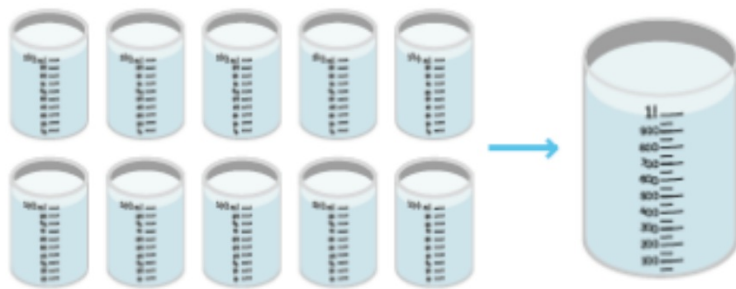


$$100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} \\ + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} = 1000 \text{ ml}$$



In Focus

How many millilitres make 1 litre?



$$100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} \\ + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} = 1000 \text{ ml}$$

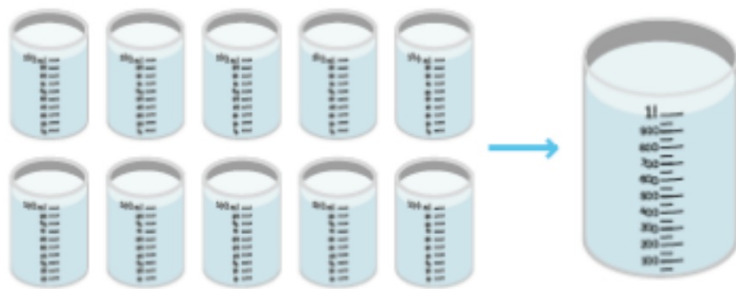
1000 millilitres make up 1 litre.

Are there other ways to make 1000 ml or 1 l?



In Focus

How many millilitres make 1 litre?



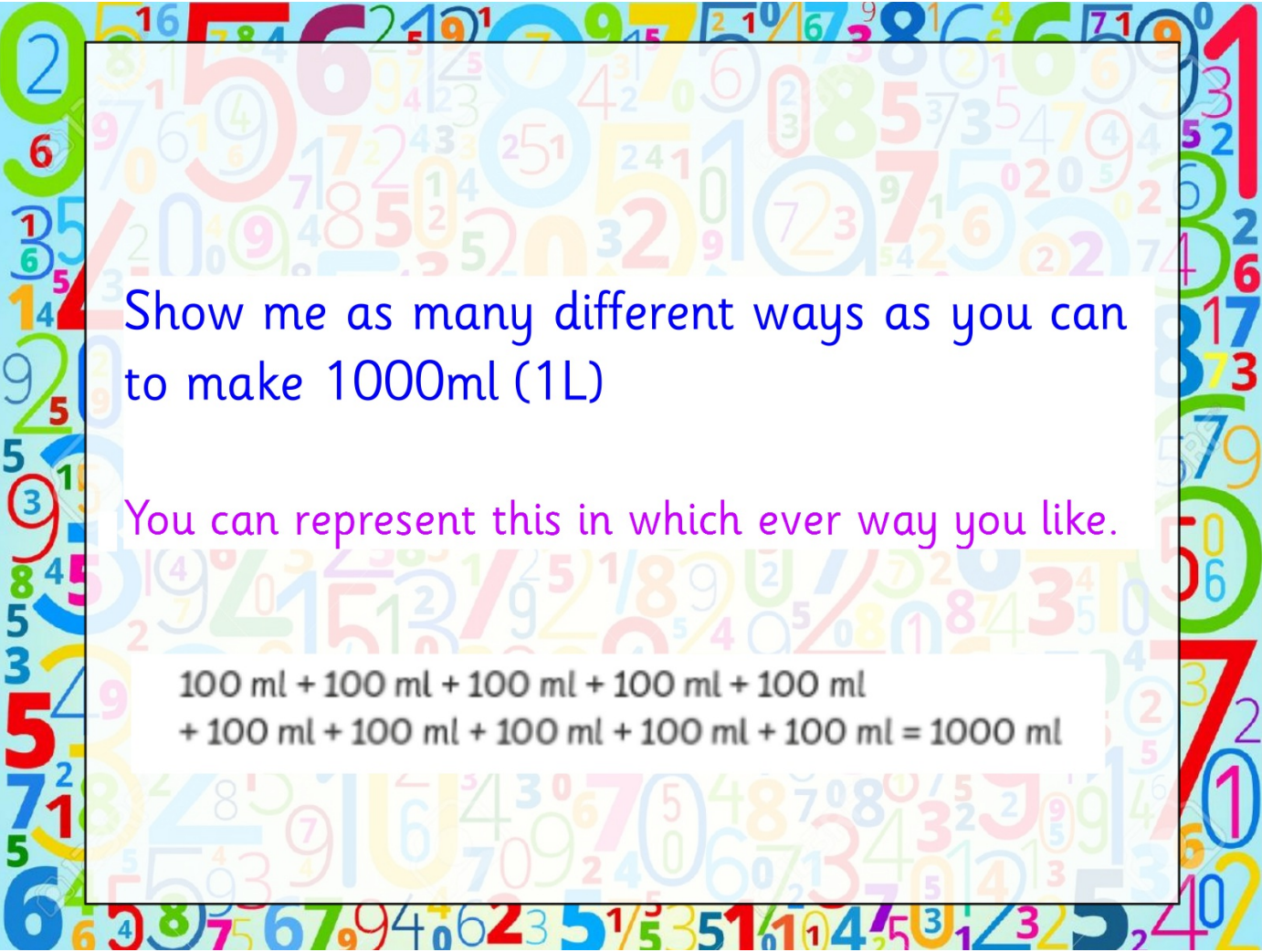
1 l = 1000 ml

$100\text{ ml} + 100\text{ ml} + 100\text{ ml} + 100\text{ ml} + 100\text{ ml}$
 $+ 100\text{ ml} + 100\text{ ml} + 100\text{ ml} + 100\text{ ml} + 100\text{ ml} = 1000\text{ ml}$

1000 millilitres make up 1 litre.

Are there other ways to make 1000 ml or 1 l?





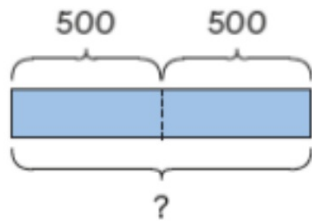
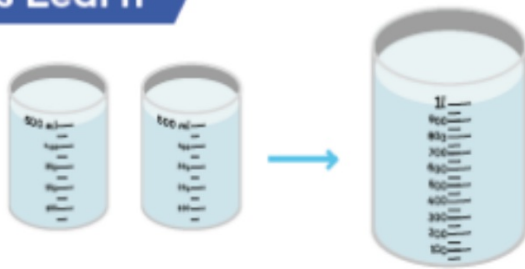
Show me as many different ways as you can
to make 1000ml (1L)

You can represent this in which ever way you like.

$$\begin{aligned} &100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} \\ &+ 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} + 100 \text{ ml} = 1000 \text{ ml} \end{aligned}$$

Let's Learn

1



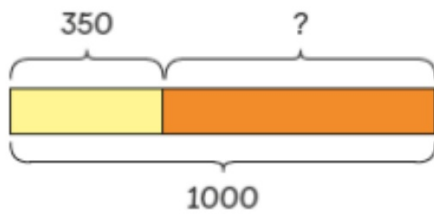
$$500 + 500 = 1000$$



What would this look like as a part whole method?

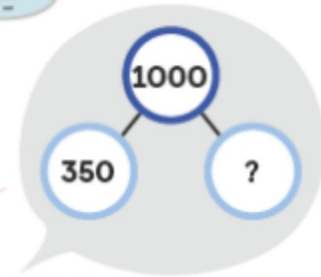


2 How much more water is needed to make 1 l?



$$1000 - 350 = \square$$

Another \square ml of water is needed.



How could you work this out?



Guided Practice

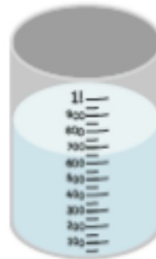
- 1 Find the total volume.

ml



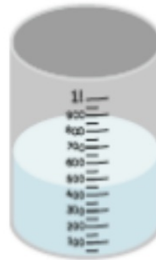
- 2 How much more water is needed to make 900 ml?

ml



- 3 How much water remains after 225 ml is used?

ml

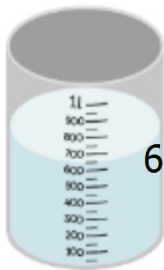


How could we work each of these problems out?

2

How much more water is needed to make 900 ml?

ml



650ml



900ml

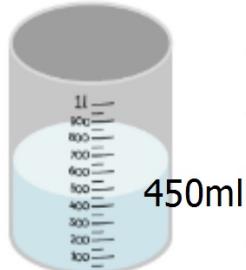
$$900\text{ml} - 650\text{ml} = ?$$

Carpet

3

How much water remains after 225 ml is used?

ml



$$450\text{ml} - 225\text{ml} = ?$$

Carpet

Name: _____ Class: _____ Date: 27/1/22

Worksheet 5

Writing Volume in Litres and Millilitres

1 Find the volume of water needed to make 1 L.

(a)



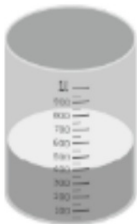
ml is needed.

(b)



ml is needed.

(c)



ml is needed.

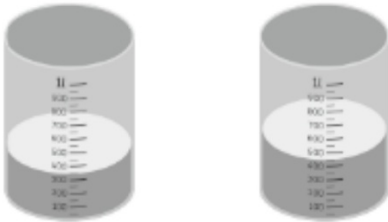
(d)



ml is needed.

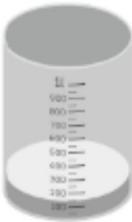
Draw the bar models, part wholes or column methods to go with these.

2 What is the total volume of water in the two beakers?



ml

3 How much more water is needed to make 700 ml?



ml

4 How much water remains in the beaker after 420 ml of water is poured out?



ml

Draw the bar models, part wholes or column methods to go with these.

Going Deeper

Explain why my working out is incorrect.

