

If you have any questions about your learning please email:  
[learning@wembleyprimary.brent.sch.uk](mailto:learning@wembleyprimary.brent.sch.uk)

You do not need to send in any maths learning to your teacher, all answers have been provided for you to self mark.

Please complete learning in your home learning book.

On Education City, use the learning screen called Liquid Assets for Day 1 and Day 2, and on Day 5 complete the two activities called Liquid Assets and Tank for all the Fish.

## Starter

$$\frac{11}{12} \times 3 =$$

$$7.4 - 2.21 =$$

$$3908 \times 65 =$$

Complete this table, writing decimals as fractions and fractions as decimals:

decimals	fractions
0.34	
	$\frac{3}{10}$
0.09	
	$\frac{17}{100}$

Capacity is the amount something can hold inside.

Watch the learn screen on Education City Liquid Assets.

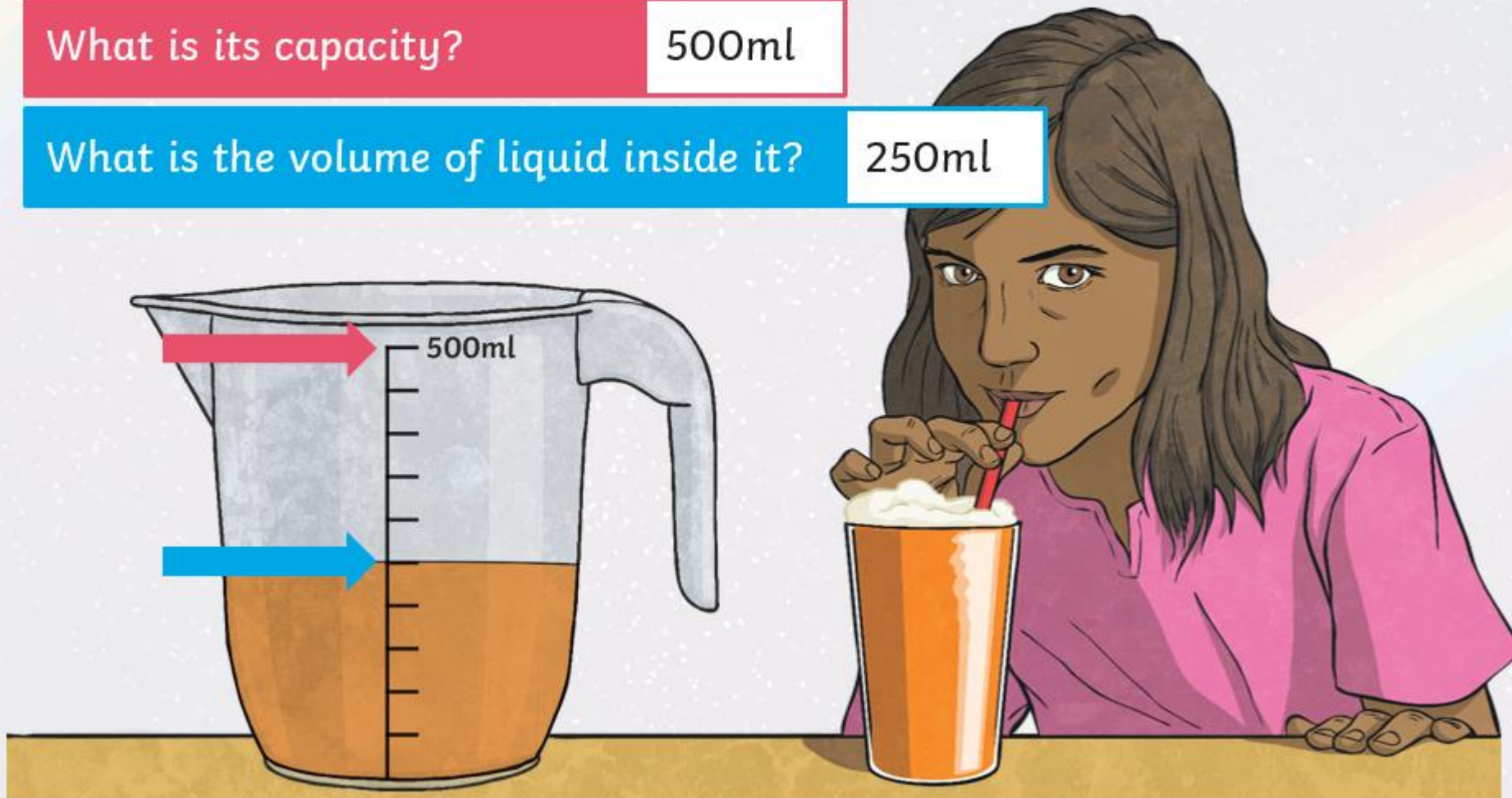
We measure the amount a container will hold as its capacity.  
Look at this jug:

What is its capacity?

500ml

What is the volume of liquid inside it?

250ml



Match the containers to their estimated capacity.



5,000 ml

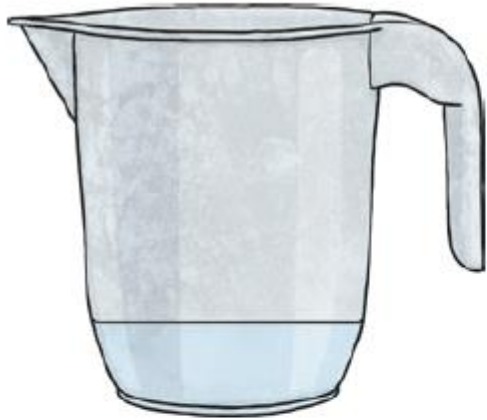
500 ml

5 ml

To match the shape, I start from what I know will hold the less amount, the spoon. So the capacity the spoon holds is 5ml.  
I know the pot must hold more than cola can – so the pot is 5,000ml.  
Lastly, the cola can must hold 500ml

TASK FOR ALL:

- 1) This jug contains 150ml of water. Estimate the capacity of the jug. \_\_\_\_\_



HINT: Use your knowledge of fractions to help you.  
How many parts can you divide the jug into?

- 2) Match the container to its capacity:

1000ml



3000ml



350ml



## WORD PROBLEM:

A kettle holds 1.6 litres of water. Three mugs of tea are made each using 250 ml of water. How much water is left in the kettle?

1) I am going to convert it into one unit of measurement to make it easier.

$$1.6\text{l} = 1600\text{ml}$$

$$1.6 \times 1000 = 1600$$

2) I work out how many ml three mugs of tea is -  $250 \times 3 = 750$

3)  $1600 - 750 = 850$

850ml or 0.85L is left in the kettle.

## WORD PROBLEMS

MILD:

- 1 Each lolly is made using 50 ml of juice. How many lollies can be made from 4.8 litres of juice?
- 2 A bowl is filled with 1.9 litres of hot water and 850 ml of cold water. How much water is in the bowl?

HOT:

- 1 A small tube of paint holds 24 ml. How many tubes can be made from 1.2 litres?
- 2 Each bottle of lemon juice holds 120 ml. There are 36 bottles in a box. How much lemon juice is in the box?

## Starter

$$\frac{11}{12} \times 3 = \mathbf{2\frac{3}{4}}$$
 OR 2 9/12

$$7.4 - 2.21 = \mathbf{5.19}$$

$$3908 \times 65 = \mathbf{254,020}$$

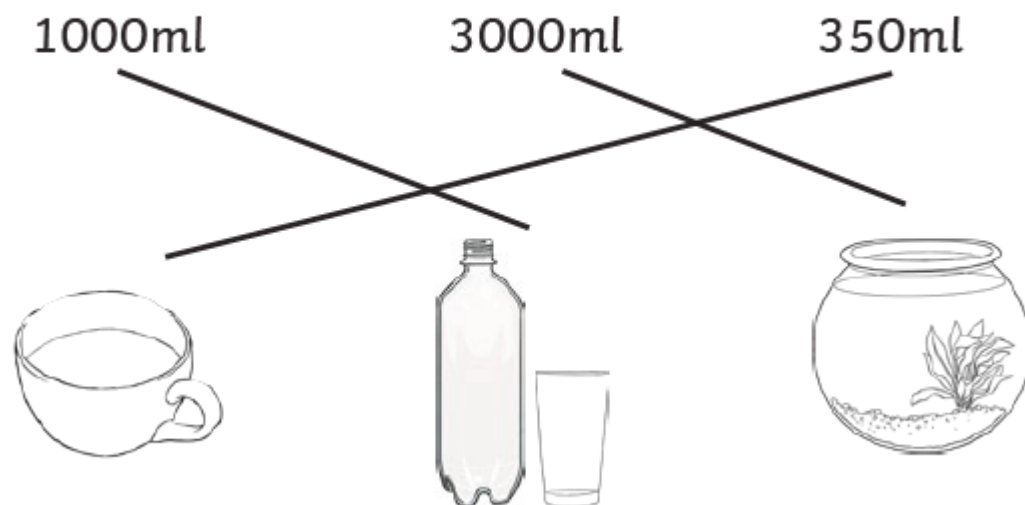
Complete this table, writing decimals as fractions and fractions as decimals:

0.34	<b>34/100</b>
<b>0.3</b>	3/10
0.09	<b>9/100</b>
<b>0.17</b>	17/100

ANSWERS FOR TASK FOR ALL:

1) *Accept answers between 700 and 800ml.*

2)



## ANSWERS FOR WORD PROBLEMS:

MILD:

- 1) 96
- 2) 2.75L OR 2750ML

HOT:

- 1) 50
- 2) 4.32L OR 4320ML