

Varied Fluency

Step 6: Measure Capacity 2

Please note, written references to volume and capacity are written as “3L and 200ml” while the measurements on the measuring cylinders are written as “3L 200ml”. This has been done to make the measuring cylinders easier to read. This may be something you wish to discuss with your class prior to using this resource.

National Curriculum Objectives:

Mathematics Year 3: (3M1c) [Compare volume/capacity \(l/ml\)](#)

Mathematics Year 3: (3M2c) [Measure volume/capacity \(l/ml\)](#)

Differentiation:

Developing Questions to support measuring capacity and volume using mixed measurements of L and ml. Measurements in multiples of 100. All increments labelled, no measurements between increments.

Expected Questions to support measuring capacity and volume using mixed measurements of L and ml. Measurements in multiples of 50, 100 and 200. Some with every other increment labelled.

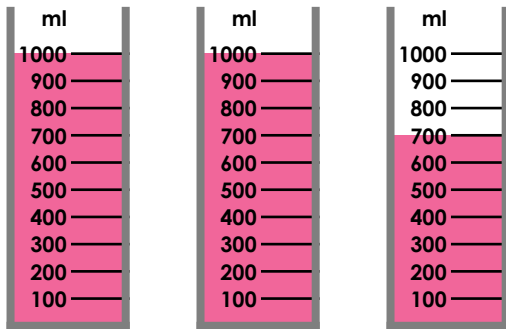
Greater Depth Questions to support measuring capacity and volume using mixed measurements of L and ml. Measurements using mixed scales with some increments labelled using L and ml.

More [Year 3 and Year 4 Mass and Capacity](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Measure Capacity 2

1a. Circle the capacity of the teapot.



3L and
700ml

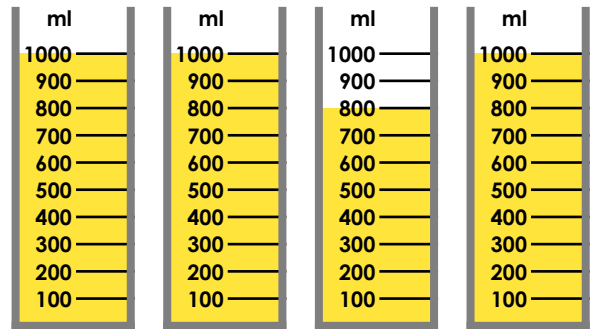
2L and
700ml



3 VF

Measure Capacity 2

1b. Circle the capacity of the honey pot.



3L and
800ml

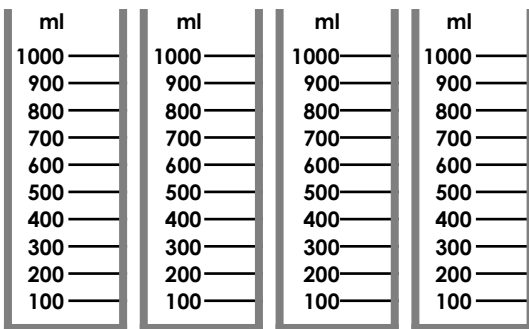
4L and
300ml



3 VF

2a. Colour the containers to show the given volume.

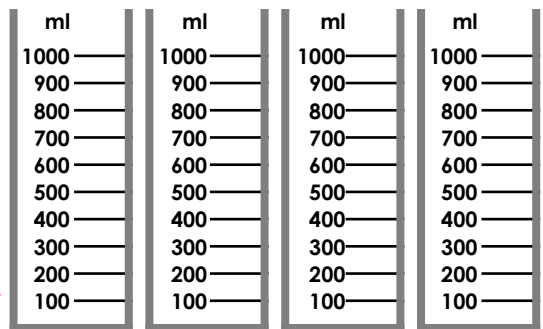
3L and 500ml



3 VF

2b. Colour the containers to show the given volume.

2L and 700ml

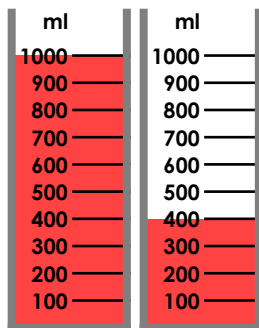


3 VF

3a. True or false?



I have 1L
and 300ml
of
cranberry
juice for
my
family's
breakfast.

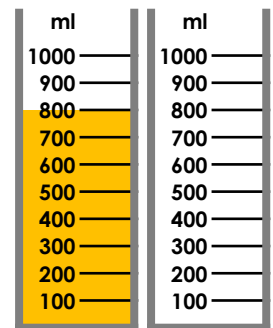


3 VF

3b. True or false?

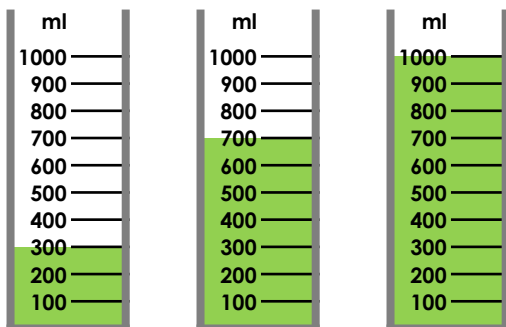


I have
800ml of
apple
juice for
my
breakfast.



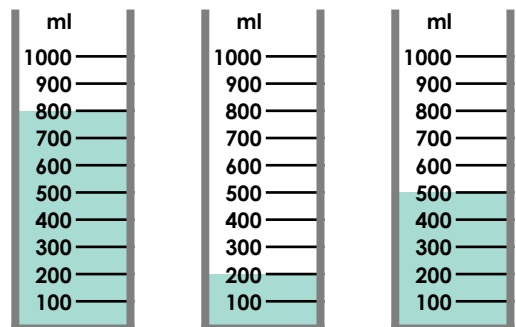
3 VF

4a. How much liquid is there in total?



3 VF

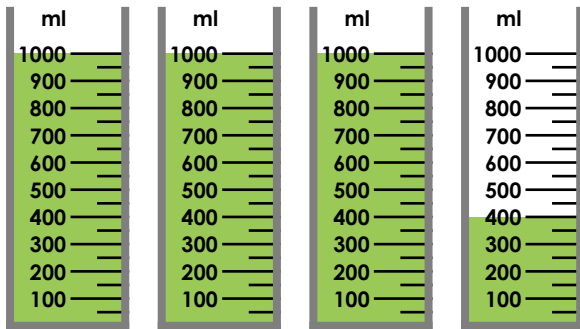
4b. How much liquid is there in total?



3 VF

Measure Capacity 2

5a. Circle the capacity of the teapot.



3L and 350ml

4L and 400ml

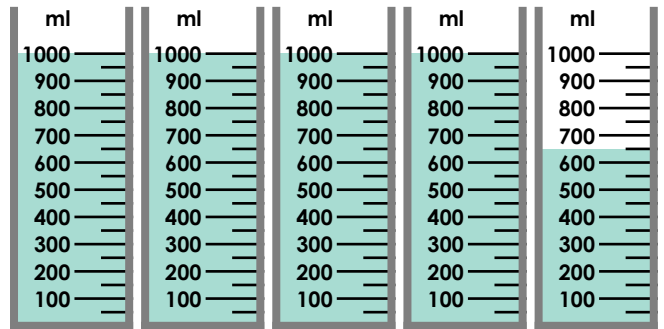
3L and 400ml



3 VF

Measure Capacity 2

5b. Circle the capacity of the teapot.



4L and 600ml

4L and 650ml

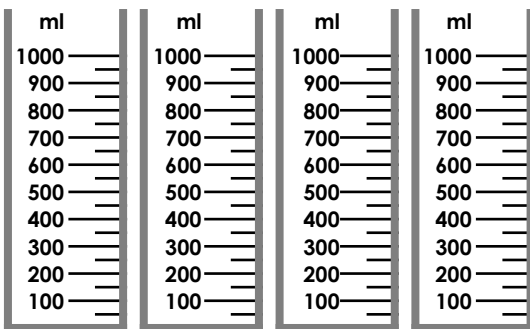
4L and 700ml



3 VF

6a. Colour the containers to show the given volume.

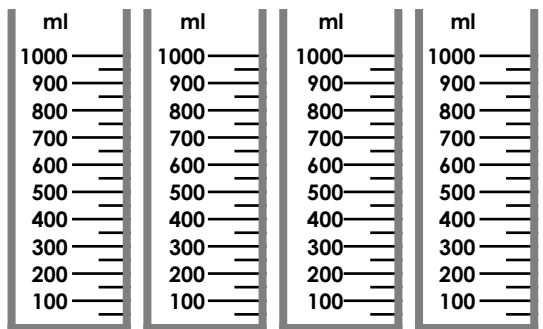
3L and 650ml



3 VF

6b. Colour the containers to show the given volume.

2L and 150ml

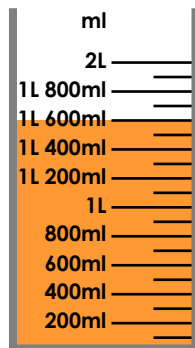


3 VF

7a. True or false?



I have 1L and 500ml of orange juice for my family's breakfast.

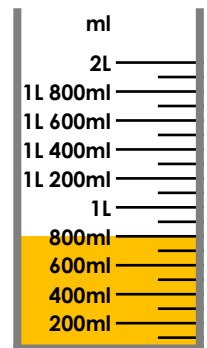


3 VF

7b. True or false?

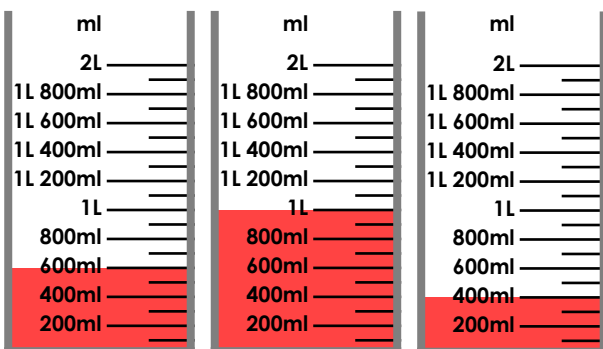


I have 1L and 800ml of syrup to bake some flapjacks.



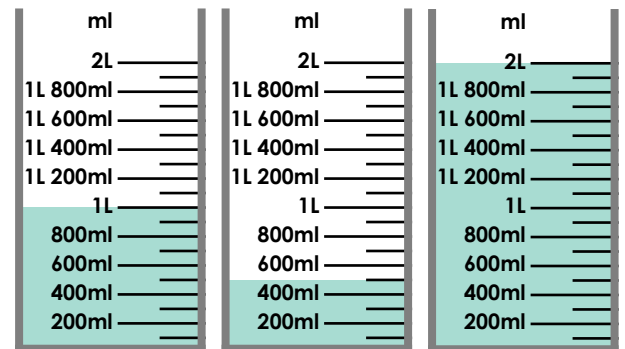
3 VF

8a. How much liquid is there in total?



3 VF

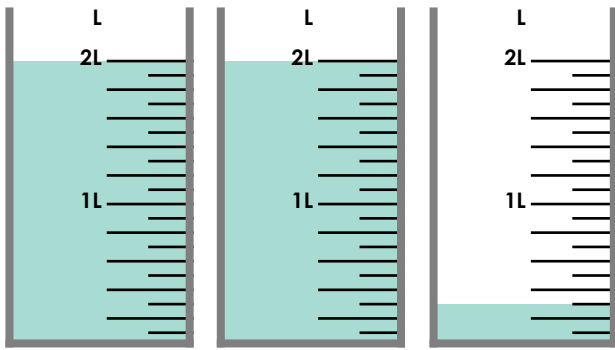
8b. How much liquid is there in total?



3 VF

Measure Capacity 2

9a. Circle the capacity of the cups.



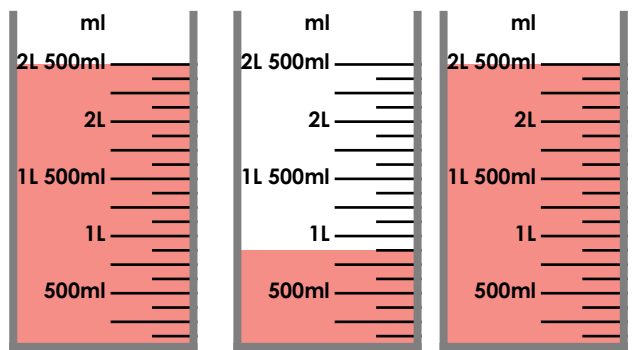
4L and
350ml

4L and
400ml

4L and
300ml

3 VF

9b. Circle the capacity of the teapot.



5L and
800ml

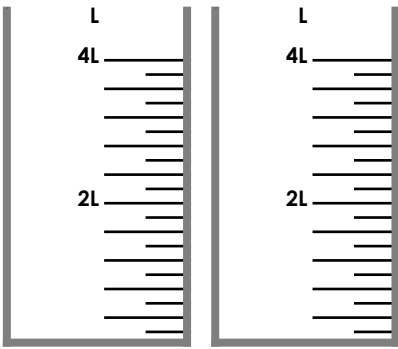
5L and
750ml

5L and
875ml

3 VF

10a. Colour the containers to show the given volume.

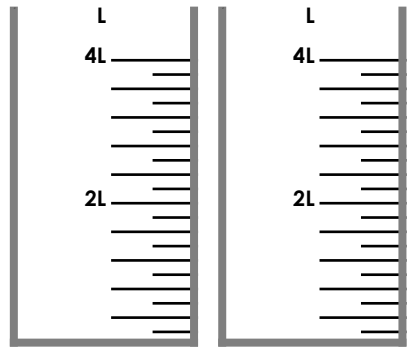
6L and
600ml



3 VF

10b. Colour the containers to show the given volume.

7L and
200ml

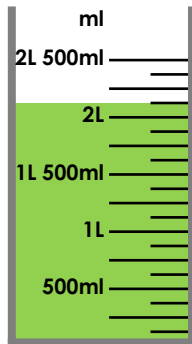


3 VF

11a. True or false?



I have 2L
and 250ml of
kale
smoothie for
my class's
lunch time.

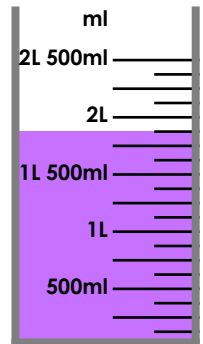


3 VF

11b. True or false?

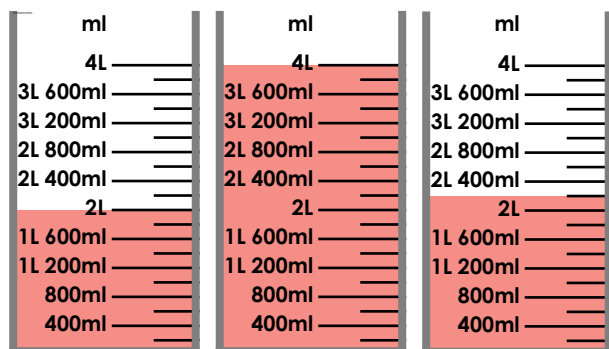


I have 1L
and 750ml of
blackcurrant
squash for
my class's
play time.



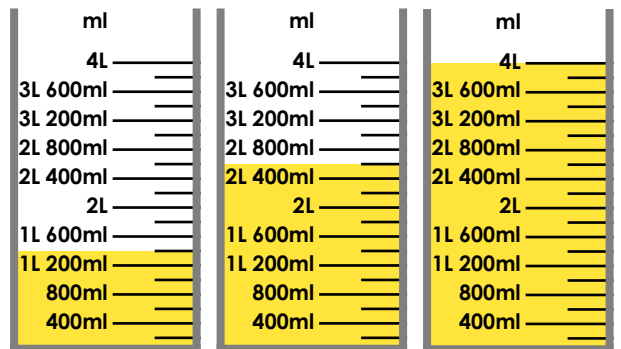
3 VF

12a. How much liquid is there in total?



3 VF

12b. How much liquid is there in total?



3 VF

Varied Fluency
Measure Capacity 2

Developing

- 1a. 2L and 700ml
- 2a. Three with lines at 1,000ml and one with a line at 500ml
- 3a. False, she has 1L and 400ml
- 4a. 2L

Expected

- 5a. 3L and 400ml
- 6a. Three with lines at 1,000ml and one with a line at 650ml
- 7a. False, he has 1L and 600ml
- 8a. 2L

Greater Depth

- 9a. 4L and 300ml
- 10a. One with a line at 4L and the other at 2L 600ml.
- 11a. False, she has 2L and 125ml
- 12a. 8L and 200ml

Varied Fluency
Measure Capacity 2

Developing

- 1b. 3L and 800ml
- 2b. Two with lines at 1,000ml and one with a line at 700ml
- 3b. True
- 4b. 1L and 500ml

Expected

- 5b. 4L and 650ml
- 6b. Two with lines at 1,000ml and one with a line at 150ml
- 7b. False, she has 800ml
- 8b. 3L and 500ml

Greater Depth

- 9b. 8L and 875ml
- 10b. One with a line drawn at 4L and the other drawn at 3L 200ml.
- 11b. False, she has 1L and 875ml
- 12b. 8L