Varied Fluency
Step 5: Measure Capacity1

National Curriculum Objectives:

Mathematics Year 3: (3M1c) Compare volume/capacity (l/ml)
Mathematics Year 3: (3M2c) Measure volume/capacity (l/ml)

Differentiation:

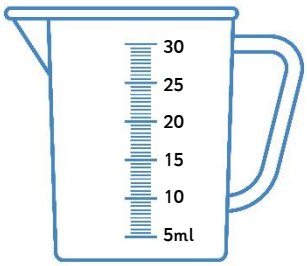
Developing Questions to support measuring capacity. Using the same unit of measure – ml or l. Using scales of measure that increase by 1, 2, 5, 10. All increments labelled and all answers on labelled increments.
Expected Questions to support measuring capacity. Using two units of measure – ml or l. Using scales of measurement that increase by 4, 8, 50, 100. Every other increment labelled. Identifying volume as a different measurement. Identifying how much the scale is increasing by.
Greater Depth Questions to support measuring capacity. Using two units of measure ml and l. Using scales of measurement that increase by 4, 8, 50, 100. Every two increments labelled. Identifying volume as a different measurement. Identifying how much the scale is increasing by.

More resources which follow the same small steps as White Rose.

Did you like this resource? Don't forget to review it on our website.

Varied Fluency – Measure Capacity 1

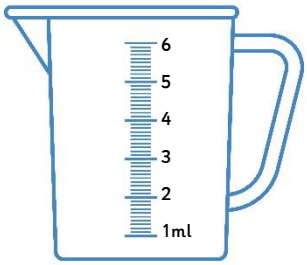
1a. Complete the sentence.



The capacity is ☐ ml.

D VF

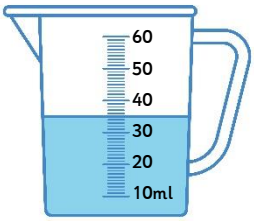
1b. Complete the sentence.



The capacity is ☐ ml.

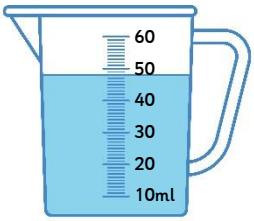
D VF

2a. True or False? There are 35ml of liquid in the jug.



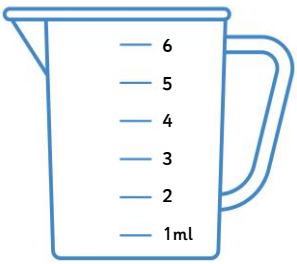
D VF

2b. True or False? There are 48ml of liquid in the jug.



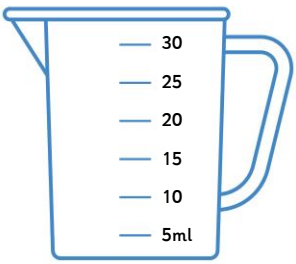
D VF

3a. Draw an arrow on the container to show the capacity of the jug.



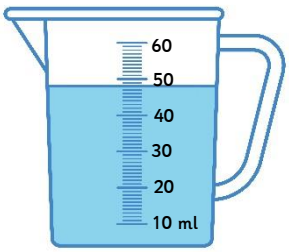
D VF

3b. Draw an arrow on the container to show the capacity of the jug.



D VF

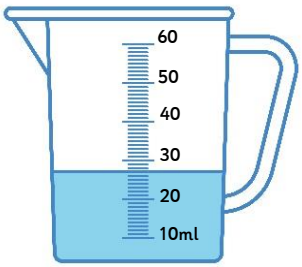
4a. Complete the sentences.



The capacity is ☐ ml.

D VF

4b. Complete the sentences.

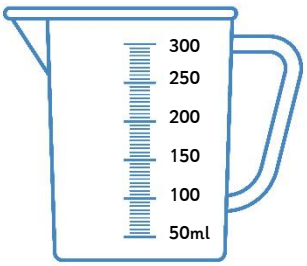


The capacity is ☐ ml.

D VF

Varied Fluency – Measure Capacity 1

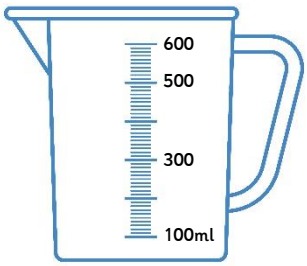
5a. Complete the sentence.



The capacity is ☐ ml

E VF

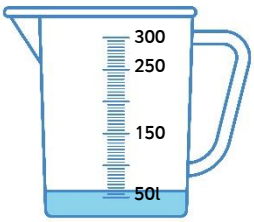
5b. Complete the sentence.



The capacity is ☐ ml

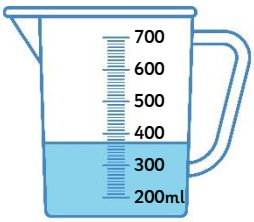
E VF

6a. True or False? There are 500ml of water in the jug.



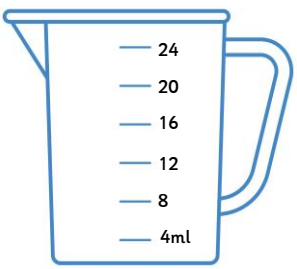
E VF

6b. True or False? There are 370ml of water in the jug.



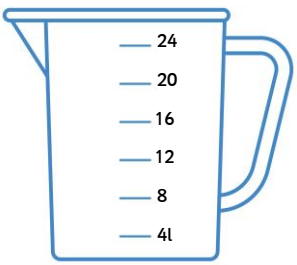
E VF

7a. Draw an arrow on the container to show the volume at 20ml.



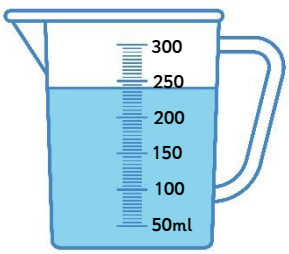
E VF

7b. Draw an arrow on the container to show the volume at 12l.



E VF

8a. Complete the sentences.

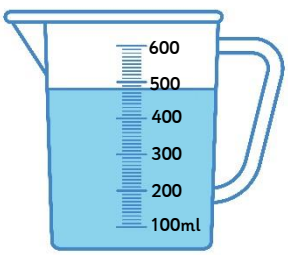


The capacity is ☐ ml.

The increments are ☐.

E VF

8b. Complete the sentences.



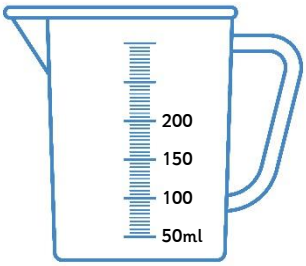
The capacity is ☐ ml.

The increments are ☐.

E VF

Varied Fluency – Measure Capacity 1

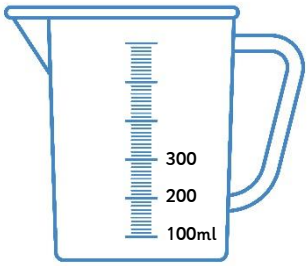
9a. Complete the sentence.



The capacity is ☐ ml.

GD VF

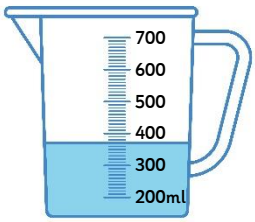
9b. Complete the sentence.



The capacity is ☐ ml.

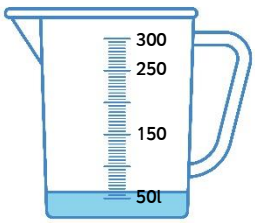
GD VF

10a. True or False? There are 300ml of liquid in the jug.



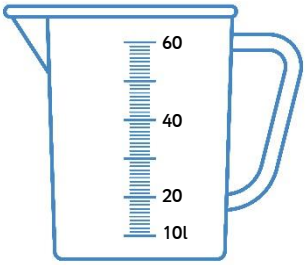
GD VF

10b. True or False? There are 70l of liquid in the jug.



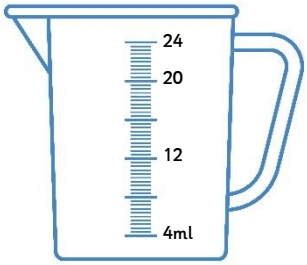
GD VF

11a. Draw an arrow on the container to show the volume at 30l.



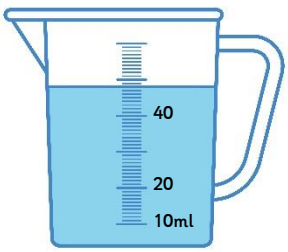
GD VF

11b. Draw an arrow on the container to show the volume at 16ml.



GD VF

12a. Complete the sentences.

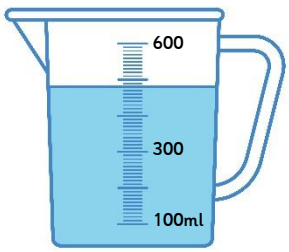


The capacity is ☐ ml.

The volume is ☐ ml.

GD VF

12b. Complete the sentences.



The capacity is ☐ ml.

The volume is ☐ ml.

GD VF

Varied Fluency – Measure Capacity 1

Developing

1a. 30ml
1b. 6ml
2a. True
2b. True
3a. Arrow pointing at 6ml
3b. Arrow pointing at 30ml
4a. 60ml
4b. 60ml

Expected

5a. 300ml
5b. 600ml
6a. False
6b. True
7a. Arrow pointing at 20ml
7b. Arrow pointing at 12l
8a. 300ml; 50ml
8b. 600ml; 100ml

Greater Depth

9a. 300ml
9b. 600ml
10a. False
10b. False
11a. Arrow pointing to 30ml
11b. Arrow pointing at 16ml
12a. 60ml; 48ml
12b. 600ml; 480ml