Varied Fluency
Step 5: Measure Capacity 1

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 or 100. 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 1, 50 or 100. Some scales with every other increment labelled.

Greater Depth Questions to support measuring capacity. Using two units of measure ml and l. Using scales of measurement that increase by 1, 2, 50, 100 or 200. Most increments are unlabelled on the scales, and some measurements may fall in between increments.
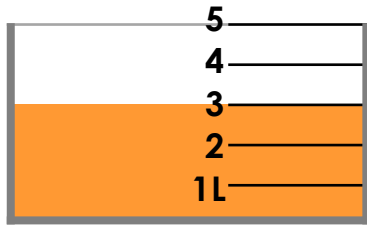
More Year 3 and Year 4 Mass and Capacity resources.

Did you like this resource? Don't forget to review it on our website.
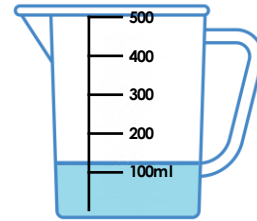
Measure Capacity 1

1a. Complete the sentence.

The capacity is [ ] litres.

D ☆   3 VF

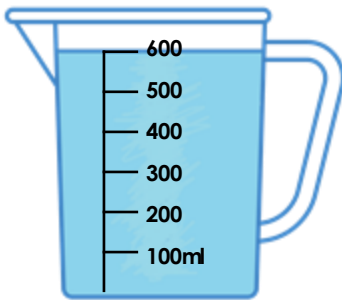**1b.** Complete the sentence.

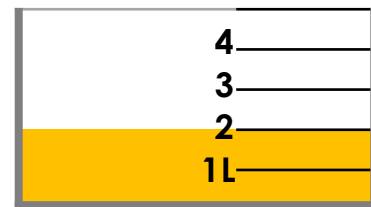The capacity is [ ] millilitres.

D ☆   3 VF

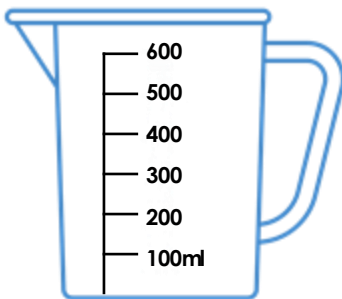**2a.** True or false? There are 600L of liquid in the jug.

D ☆   3 VF

2b. True or false? There are 2L of liquid in the container.

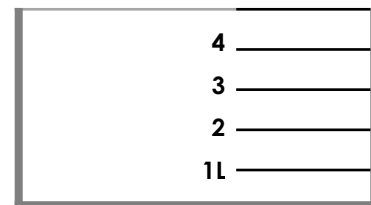D ☆   3 VF

3a. Draw an arrow to show the water level for a volume of 400ml.

D ☆   3 VF

3b. Draw an arrow to show the water level for a volume of 3L.

D ☆   3 VF

4a. Match the volumes to the correct containers.
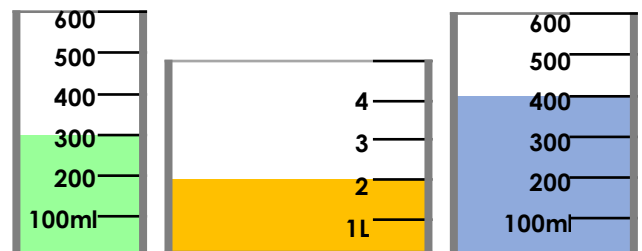
A   B   C

| 1L | 500ml | 100ml |

D ☆   3 VF

4b. Match the volumes to the correct containers.
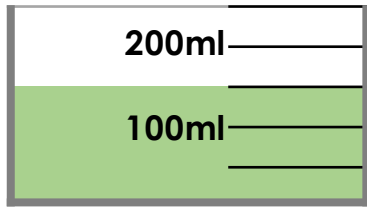
A   B   C

| 2L | 300ml | 400ml |

D ☆   3 VF

5a. Complete the sentence.

200ml

100ml

The capacity is [ ] millilitres.

E   3 VF

5b. Complete the sentence.

6

4

2L

The capacity is [ ] litres.

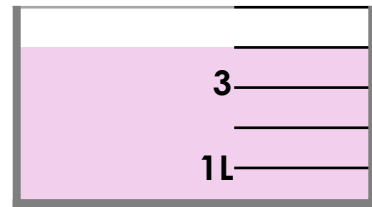E   3 VF

6a. True or false? There are 7L of liquid in the jug.

5

3

1L

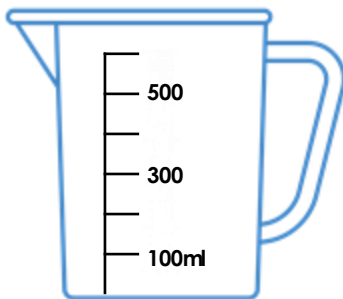E   3 VF

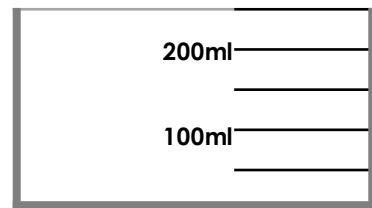**6b.** True or false? There are 4L of liquid in the container.

3

1L

E   3 VF

7a. Draw an arrow to show the water level for a volume of 400ml.

500

300

100ml

E   3 VF

7b. Draw an arrow to show the water level for a volume of 150ml.

200ml

100ml

E   3 VF

8a. Match the volumes to the correct containers.

A   B   C

200

ml   600

400

100ml   200   4

2L

| 1L | 100ml | 250ml |

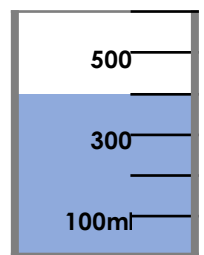E   3 VF

8b. Match the volumes to the correct containers.

A   B   C

200ml   500

100ml   3   300

1L   100ml

| 2L | 150ml | 400ml |

E   3 VF

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Varied Fluency – Measure Capacity 1 – Year 3 Expected

9a. Complete the sentence.

8L

4L

The capacity is [ ] litres.

GD
3 VF

9b. Complete the sentence.

100ml

The capacity is [ ] millilitres.

GD
3 VF

10a. True or false? There are 200ml of liquid in the jug.

50ml

GD
3 VF

10b. True or false? There are 4ml of liquid in the container.

6L

2L

GD
3 VF

11a. Draw an arrow to show the water level for a volume of 250ml.

500ml

GD
3 VF

11b. Draw an arrow to show the water level for a volume of 500ml.

800ml

GD
3 VF

12a. Match the volumes to the correct containers.
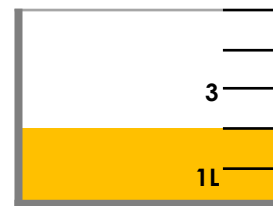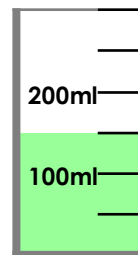
A   B   C

ml — 600

— 400

3L

100ml

— 200

| 1L | 250ml | 100ml |

GD
3 VF

12b. Match the volumes to the correct containers.
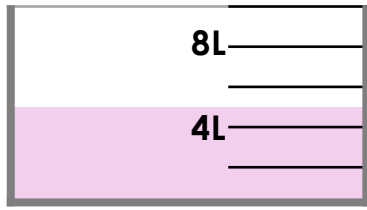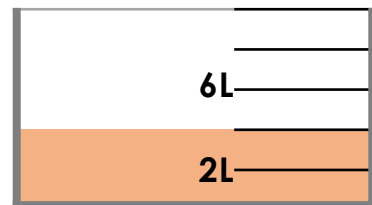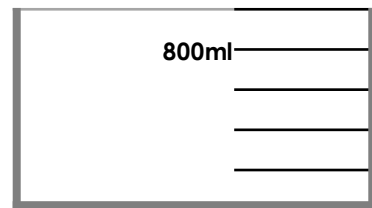
A   B   C

8L

200ml   100ml

| 6L | 500ml | 350ml |

GD
3 VF

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Varied Fluency – Measure Capacity 1 – Year 3 Greater Depth
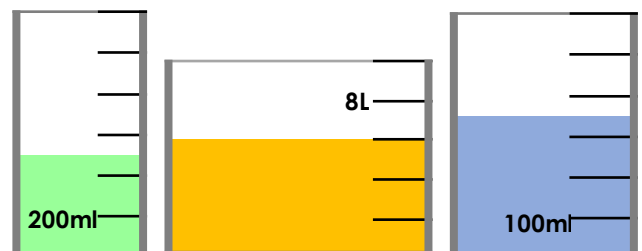
Varied Fluency
Measure Capacity 1

Developing

1a. 5L
2a. False. There are 600ml.
3a. Arrow drawn at 4th increment from the bottom.
4a. A = 500ml, B = 100ml, C = 1L.

Expected

5a. 250ml
6a. False. There are 6L.
7a. Arrow drawn at 4th increment from the bottom.
8a. A = 250ml, B = 100ml, C = 1L.

Greater Depth

9a. 10L
10a. False. There are 300ml.
11a. Arrow drawn between 2nd and 3rd increments from the bottom.
12a. A = 250ml, B = 100ml, C = 1L.

Varied Fluency
Measure Capacity 1

Developing

1b. 500ml
2b. True.
3b. Arrow drawn at 3rd increment from the bottom.
4b. A = 300ml, B = 2L, C = 400ml.

Expected

5b. 7L
6b. True.
7b. Arrow drawn at 3rd increment from the bottom.
8b. A = 150ml, B = 2L, C = 400ml.

Greater Depth

9b. 350ml
10b. False. There are 4L.
11b. Arrow drawn between 2nd and 3rd increments from the bottom.
12b. A = 500ml, B = 6L, C = 350ml

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Varied Fluency – Measure Capacity 1 ANSWERS