Varied Fluency
Step 5: Measure Capacity

National Curriculum Objectives:

Mathematics Year 1: (1M1) Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]
Mathematics Year 1: (1M2) Measure and begin to record: capacity and volume

Differentiation:

Developing Questions to support measuring the capacity of containers using one type of non-standard unit.
Expected Questions to support measuring the capacity and volume of containers using a variety of non-standard units.
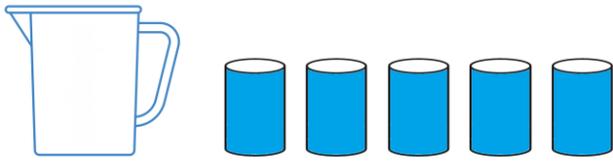Greater Depth Questions to support measuring the capacity and volume of containers using a variety of non-standard units where the capacity of an container is sometimes doubled or halved to find an answer.

More Year 1 Weight and Volume resources.

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

Measure Capacity

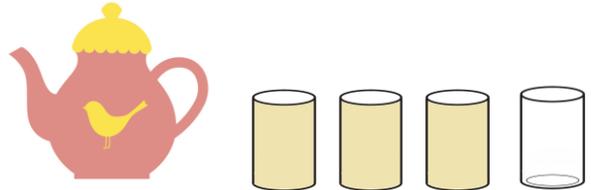**1a.** Rob emptied the jug into these cups. The jug was full.

True or false? The capacity of the jug is 5 cups.

VF

Measure Capacity

1b. Holly emptied the teapot into these cups. The teapot was full.
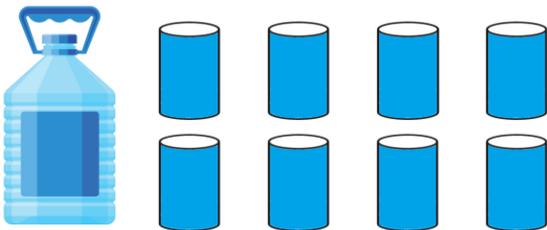
True or false? The capacity of the teapot is 4 cups.

VF

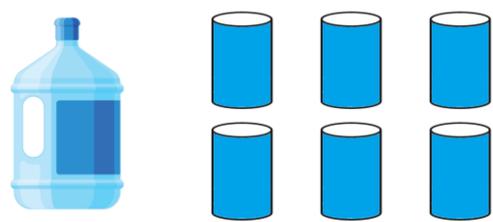**2a.** Lara emptied the water from the bottle into the cups. The bottle was full.

Complete the sentence.

The capacity of the bottle is ☐ cups.

VF

2b. Xin emptied the water from the bottle into the cups. The bottle was full.

Complete the sentence.

The capacity of the bottle is ☐ cups.

VF

3a. A bowl can be filled using this many cups.

Circle the object that has a larger capacity than the bowl.
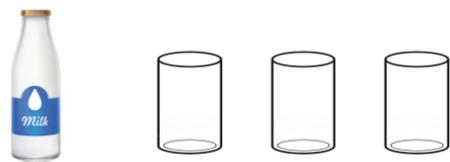
jug — 3 cups

flask — 7 cups

VF

3b. A bottle of milk can be filled using this many cups.

Circle the object that has a larger capacity than the bottle of milk.

kettle — 6 cups

mug — 2 cups

VF

Measure Capacity

4a. Sam emptied the sauce bottle into these egg cups. The sauce bottle was full.

True or false? The capacity of the sauce bottle is 7 egg cups.

E · VF

Measure Capacity

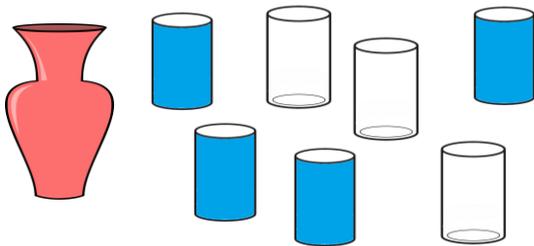**4b.** Kylie poured soap into the soap bottle using this many full thimbles.

True or false? The capacity of the soap bottle is 6 thimbles.

E · VF

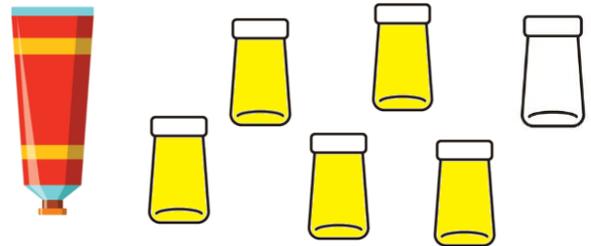**5a.** Sally emptied the water from the vase into the glasses. The vase was full.

Complete the sentence.

The capacity of the vase is ☐ glasses.

E · VF

5b. Michael emptied the liquid from the tube into the jars. The tube was full.

Complete the sentence.

The capacity of the tube is ☐ jars.

E · VF

6a. A bottle of soda can be filled using this many scoops.

Circle the objects that have a larger capacity than the bottle of soda.

kettle — **10 scoops**

flask — **7 scoops**

mug — **3 scoops**

E · VF

6b. A bowl can be filled using this many teacups.

Circle the objects that have a larger capacity than the bowl.

smoothie cup — **2 teacups**

casserole dish — **6 teacups**
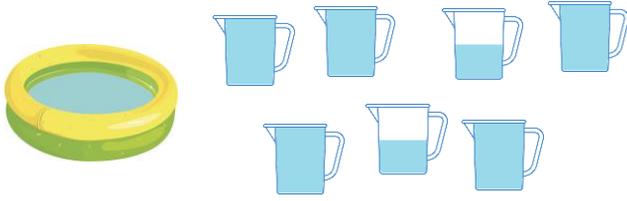
jug — **5 teacups**

E · VF

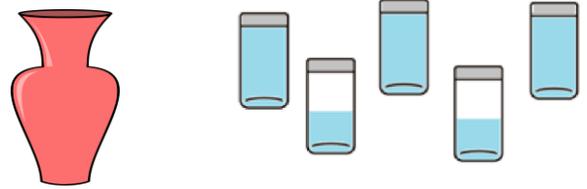**7a.** Dave emptied the paddling pool into these jugs. The paddling pool was full.

True or false? The capacity of the paddling pool is 7 jugs.

GD · VF

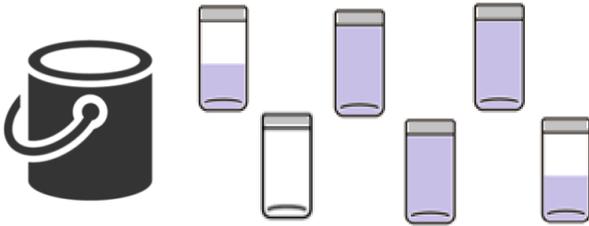**7b.** Jen emptied the vase into these jars. The vase was full.

True or false? The capacity of the vase is 4 jars.

GD · VF

8a. Kim emptied the paint from the paint pot into the jars. The paint pot was full.

Complete the sentence.

The capacity of the paint pot is ☐ jars.

GD · VF

8b. Si emptied the sauce from the bottle into the egg cups. The bottle was full.

Complete the sentence.

The capacity of two bottles is ☐ cups.

GD · VF

9a. A teacup can be filled using this many thimbles.

Circle the objects that have a larger capacity than two teacups.

casserole dish		**10 thimbles**
glass		**5 thimbles**
flask		**9 thimbles**

GD · VF

9b. A bottle can be filled using this many scoops.

Circle the objects that have a larger capacity than two bottles.

smoothie cup		**5 scoops**
jug		**10 scoops**
kettle		**12 scoops**

GD · VF

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Varied Fluency – Measure Capacity – Year 1 Greater Depth

Developing
1a. True
2a. 8
3a. flask

Expected
4a. False; it is less than 7 egg cups.
5a. 4
6a. kettle and flask

Greater Depth
7a. False; it is 6 jugs.
8a. 4
9a. casserole dish and flask

Developing
1b. False; it is 3 cups.
2b. 6
3b. kettle

Expected
4b. False; the bottle is not full.
5b. 5
6b. casserole dish and jug

Greater Depth
7b. True
8b. 8
9b. kettle

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Varied Fluency – Measure Capacity ANSWERS