

Measurement and Geometry

Using Units of Measurement - Capacity

Measurement and Geometry - Using Units of Measurement

Mathematics/Year Three/Measurement and Geometry/Using Units of Measurement/ACMMG036 1

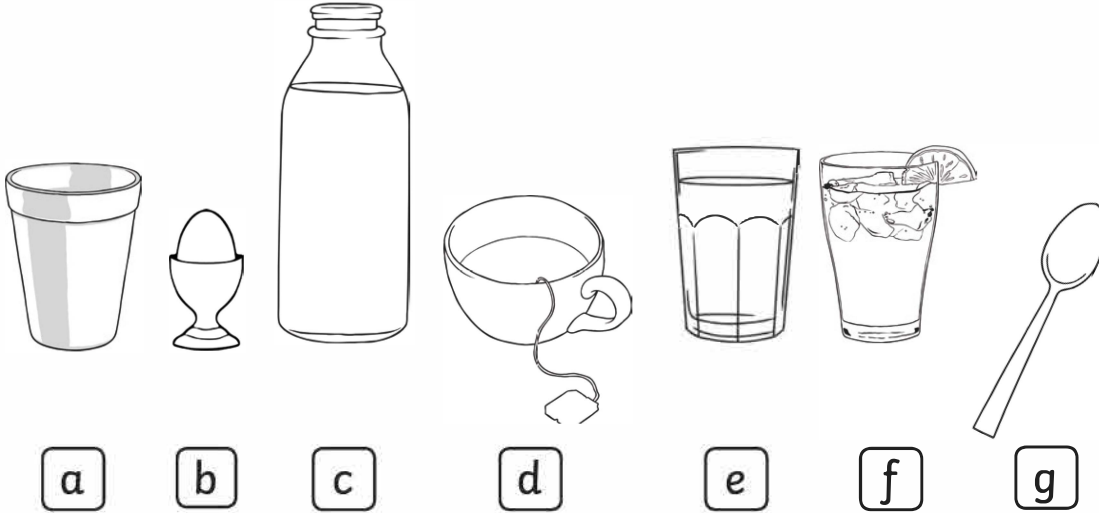
1. Measure, order and compare objects using familiar metric units of length, mass and capacity.
(ACMMG061)

Name:

Date:

Maths Assessment Year Three: Using Units of Measurement - Capacity

1. Have a look at the different containers, then answer the questions.



a. Which container holds the most?

b. Which container holds the least?

c. Name two containers that hold the same amount.

d. Name the containers that hold more than these.

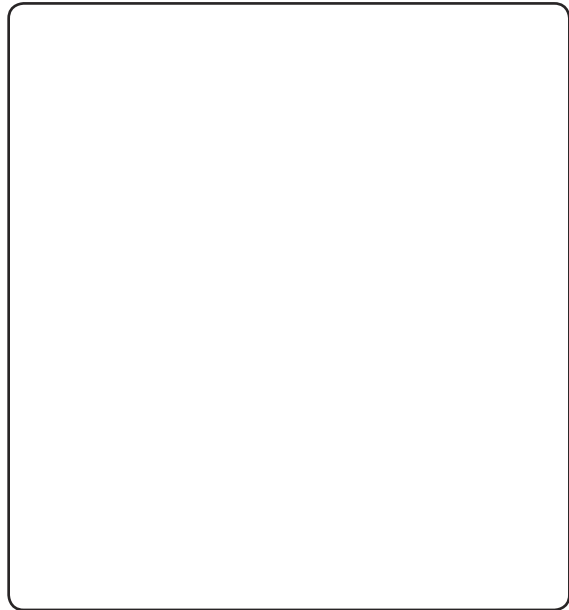
e. Name the containers that hold less than these.

5 marks

total for

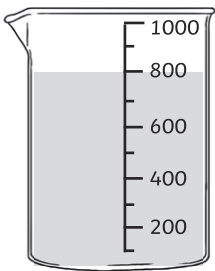
2. Andrew had an empty 1l bottle of milk. He filled it up half way.

- a. Draw a picture of the empty milk bottle in the box.
- b. Use arrows to label the following measurements on the container:
 0ml
 500ml
 1l
 1000ml
- c. Draw the liquid that Andrew poured into the bottle.

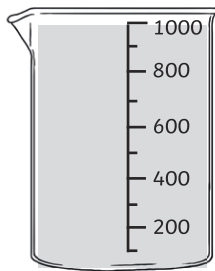


5 marks

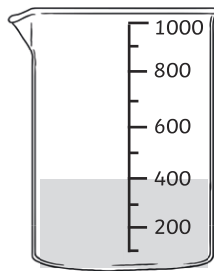
3. Have a look at the following containers. The containers measure millilitres.



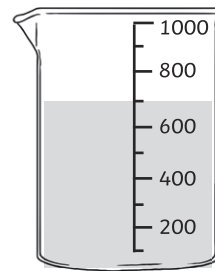
A



B



C



D

- a. How much water is in A?
- b. How much water is in B?
- c. How much water is in C?
- d. How much water is in D?
- e. How much more liquid is in D than C?
- f. How much liquid is in both B and D?

total for this page

g. Order the containers from the least amount of liquid to the most.



h. Which container holds the closest to $\frac{1}{2}$ a litre?

i. How much liquid is there altogether? Show your working.

j. How much liquid needs to be added to A to make 1l?

11 marks

4. True or False.

a. A cup holds about 1l.

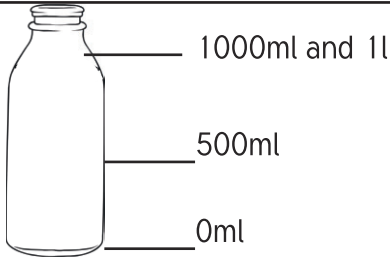
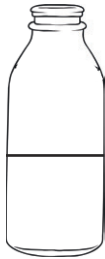
b. My cat drank 1ml of water today.

c. A car can hold about 40l of petrol.

d. A vase can hold about 1l of water.

4 marks

END OF TEST

| Question | Answer | | Marks |
|---|--|---|----------|
| 1. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | | 5 marks |
| a | C | | 1 |
| b | G | | 1 |
| c | A, E OR F | | 1 |
| d | C | | 1 |
| e | B, D and G | | 1 |
| 2. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | | 5 marks |
| a | Answers will vary | Award children one mark for a correct representation of a milk bottle. | 1 |
| b |  | Award children one mark for each correct measurement label. | 3 |
| c |  | Award children one mark for correctly drawing water that goes to the half way point. This water should stop where they labelled 500ml from the previous question. | 1 |
| 3. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | | 11 marks |
| a | 800ml | | 1 |
| b | 1000ml | | 1 |
| c | 400ml | | 1 |
| d | 700ml | | 1 |
| e | 300ml | | 1 |
| f | 1700ml or 1.7l | | 1 |
| g | C, D, A, B | | 1 |
| h | C | | 1 |
| i | $800 + 1000 + 400 + 700 = 2900\text{ml}$ or 2.9l | Award children one mark for showing the correct working out. They should show $800 + 1000 + 400 + 700 =$ Award children one mark for the correct answer. | 2 |
| j | 200ml | | 1 |

| Question | Answer | Marks |
|----------|--|----------|
| 4. | Measure, order and compare objects using familiar metric units of length, mass and capacity. | 4 Marks |
| a | False | 1 |
| b | False | 1 |
| c | True | 1 |
| d | True | 1 |
| Total | | 25 marks |