Homework/Extension
Step 7: Compare Capacities

National Curriculum Objectives:

Mathematics Year 3: (3M9d) Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Say whether a statement is true or false. Using measures of the same unit in ml in multiples of 100. Using most or least to compare.
Expected Say whether a statement is true or false. Using some mixed measures of ml and L, in multiples of 10, 50 and 100. Inequality symbols < and > used to compare.
Greater Depth Say whether a statement is true or false. Using measures of the same unit in ml or L, in multiples of 10, 50 and 100 with some presented as fractions or as all one measure, i.e. 2,500ml. Inequality symbols < , > and = used to compare.

Questions 2, 5 and 8 (Varied Fluency)
Developing Tick the statement which is correct. Measures are in L only. Using most or least to compare.
Expected Tick the statement which is correct. Measures are either L or ml, in multiples of 10, 50 and 100. Inequality symbols < and > used to compare.
Greater Depth Tick the statement which is correct. Measures are either L or ml, or mixed as L and ml, in multiples of 10, 50 and 100. Inequality symbols < , > and = used to compare.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Explain whether a statement is correct. Using measures of the same unit in ml in multiples of 10 and 100. Using most or least to compare.
Expected Explain whether a statement is correct. Using some mixed measures of ml and L, in multiples of 10, 50 and 100.
Greater Depth Explain whether a statement is correct. Using measures of the same unit in ml or L, in multiples of 10, 50 and 100 with some presented as fractions.

More Year 3 Mass and Capacity resources.

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

Compare Capacities

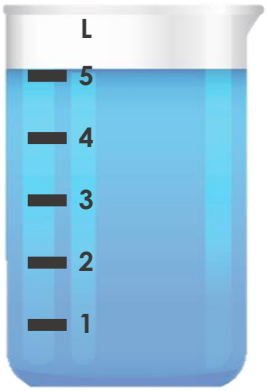
1. True or false? The containers below have been ordered by capacity from least to most.

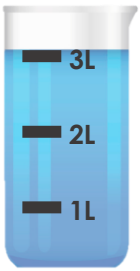
Least **Most**

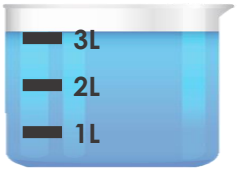
D

VF
HW/Ext

2. Tick the container which holds the least.







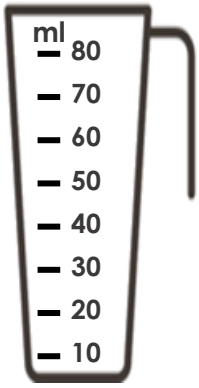
A **B** **C** **D**

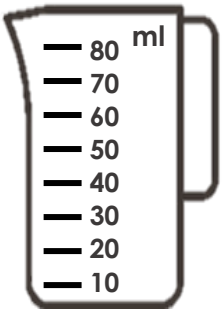
D

VF
HW/Ext

3. Jack is comparing capacities. He says,

Container B holds the least because it is not as tall as container A.





A **B**

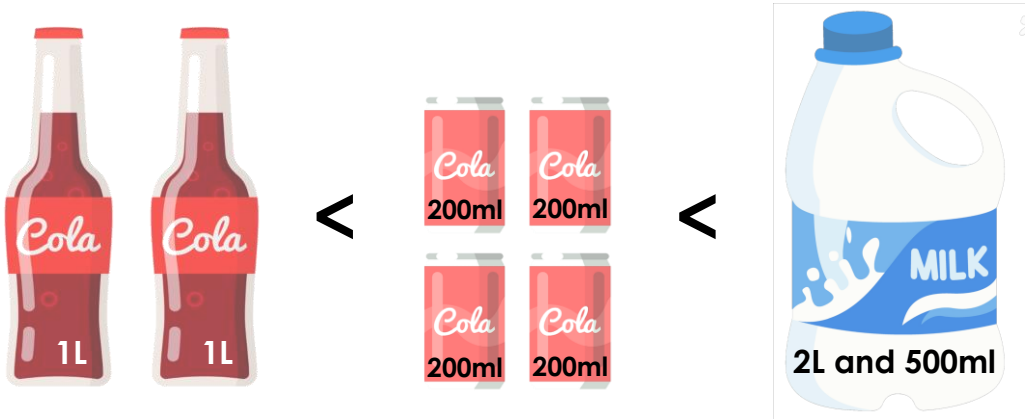
Is he correct? Explain how you know.

D

RPS
HW/Ext

Compare Capacities

4. True or false? The total capacities below have been ordered from least to most.



E

VF
HW/Ext

5. Tick the inequality statement which is correct.

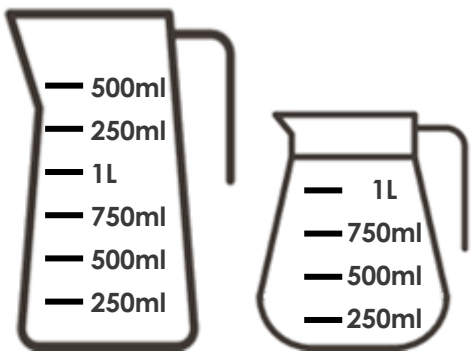
A B

E

VF
HW/Ext

6. Kayleigh is investigating rainfall. She says,

Container B will fill the quickest because it is the smallest.



A B

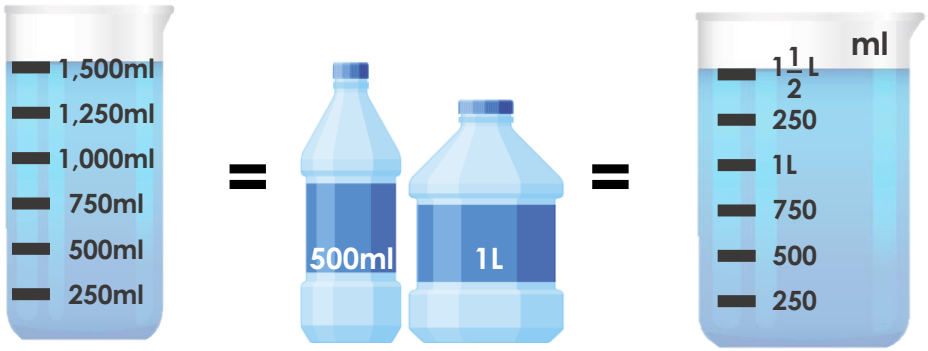
Is she correct? Explain how you know.

E

RPS
HW/Ext

Compare Capacities

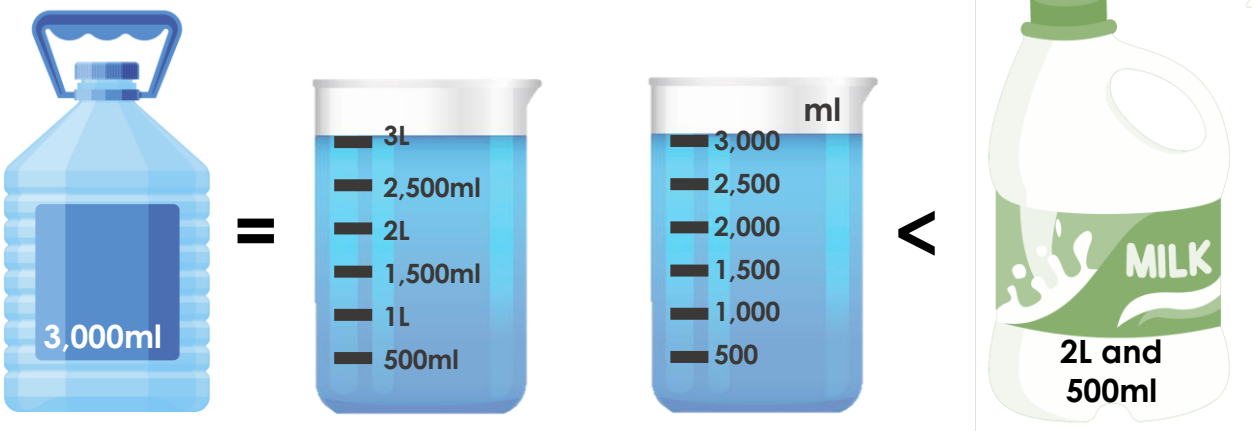
7. True or false?



GD

VF
HW/Ext

8. Tick the inequality statement which is correct.



A

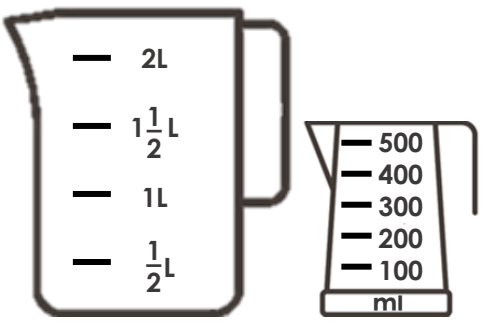
B

GD

VF
HW/Ext

9. Millie is comparing the capacity of different containers. She says,

I will be able to pour container B into container A two times to fill it up.



A B

Is she correct? Explain how you know.

GD

RPS
HW/Ext

Homework/Extension
Compare Capacities

Developing

1. False, they all hold 500ml.
2. D
3. Jack is incorrect because both containers have the same capacity.

Expected

4. False, two bottles have a combined capacity of 2L which is > 4 cans of cola (800ml).
5. A
6. Kayleigh is correct because container B holds 1L while container A holds 1L and 500ml.

Greater Depth

7. True
8. A
9. Millie is incorrect because the capacity of container A is 2L. She will need to pour liquid from container B four times to fill container A.