

Discussion Problems

Step 6: Measure Capacity 2

National Curriculum Objectives:

Mathematics Year 3: (3M1c) [Compare volume/capacity \(l/ml\)](#)

Mathematics Year 3: (3M2c) [Measure volume/capacity \(l/ml\)](#)

About this resource:

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

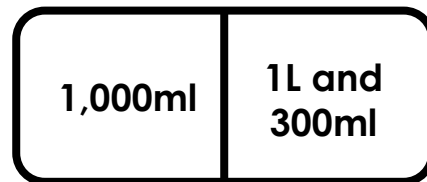
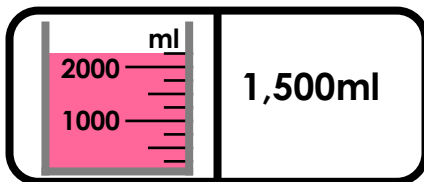
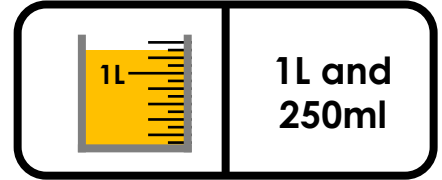
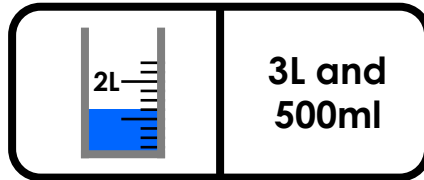
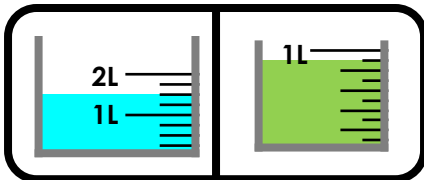
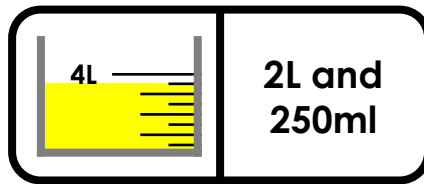
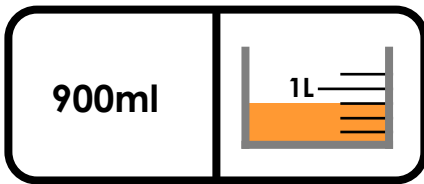
We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 3 Mass and Capacity](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Measure Capacity 2

1. All the loop cards have been mixed up. Cut them out and arrange them so that the measures match.



DP

2. These children cannot remember which measuring jug is theirs. Look at the scales to help them work out which is which.



Ed

My jug had 1L and 500ml



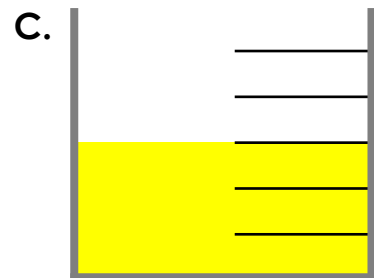
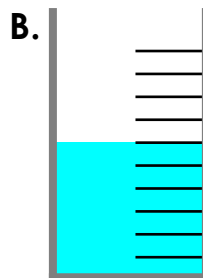
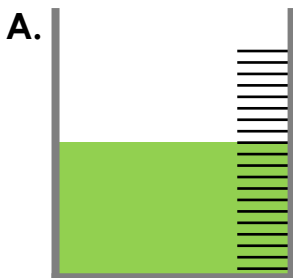
Molly

My jug had 1L and 200ml



Alex

My jug had 600ml



Explain how you know.

DP

Measure Capacity 2

1. All the loop cards have been mixed up. Cut them out and arrange them so that the measures match.

900ml		750ml	1L	1,000ml	1L and 300ml
					1L and 250ml
1500ml		1L and 250ml		500ml and 3L	

DP

2. These children cannot remember which measuring jug is theirs. Look at the scales to help them work out which is which.



Ed

My jug had 1L and 500ml



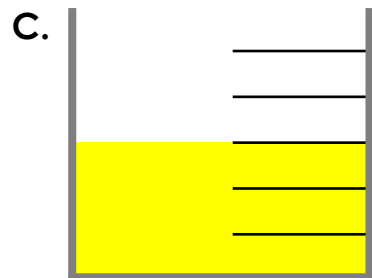
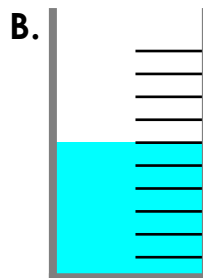
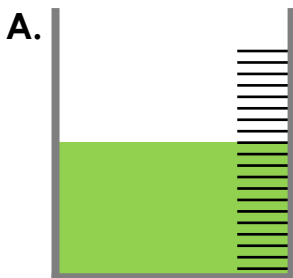
Molly

My jug had 1L and 200ml



Alex

My jug had 600ml



Explain how you know.

A. Molly - A could be going up in 50s or 100 so could be Molly or Alex but as it the second largest one it is more likely to be 1L and 200ml; B. Alex - B could be going up in 100s or 200s so could be Alex or Molly but as it is the smallest one is more likely to be 600ml. C. Ed - C could be going up in 200s, 400s or 500s so could be Ed, Alex or Molly but as it is the largest container it is most likely to be 1L and 500ml.

DP