

Exploring Capacity

Watch this BBC Bitesize clip: <https://www.bbc.co.uk/bitesize/topics/zt9k7ty/articles/zp8crdm>
and then choose 1 or 2 of the activities/worksheets to complete each day.

You might also like to watch this episode of Numberjacks sometime this week:
<https://www.youtube.com/watch?v=4y0QvIFGxqA>

Have a race with a friend to fill a container each. One person use a spoon to fill, and the other use a cup. Who is the winner? Is this fair? Why? Why not?



Exploring Capacity

Can you draw a line on each container to show the water level?



half full



nearly full



nearly empty



full

Which container can hold less? **Circle one.**



Which container can hold more? **Circle one.**



Which container can hold most? **Circle one.**

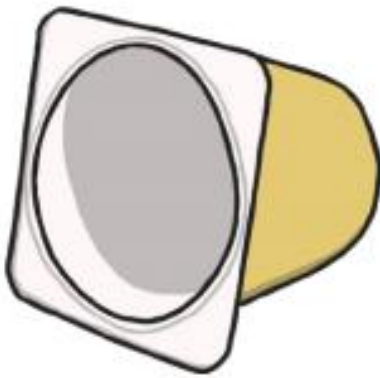


Which container can hold least? **Circle one.**



Exploring Capacity

Choose 3 containers. Take a cup or a yoghurt pot and find out how many scoops it takes to fill each container. Line your containers up in order from smallest to largest.



Choose some different containers. Does the tallest container always hold the most water? Why? Why not?



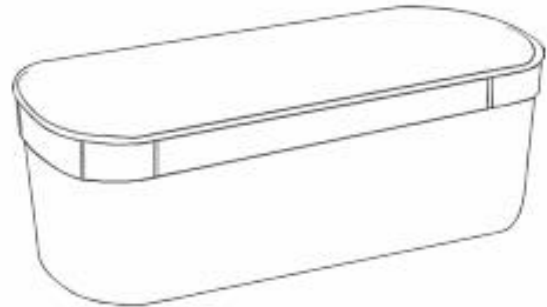
Exploring Capacity**How Much Does It Hold?**

Can you use the words in the box to label the following bottles?

full	nearly full	empty	nearly empty	half full
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Which container holds less? Please circle.



Which container holds more? Please circle.



Exploring Capacity

Which of the jugs is the smallest? Can you find some different jugs and bottles with measurements on?



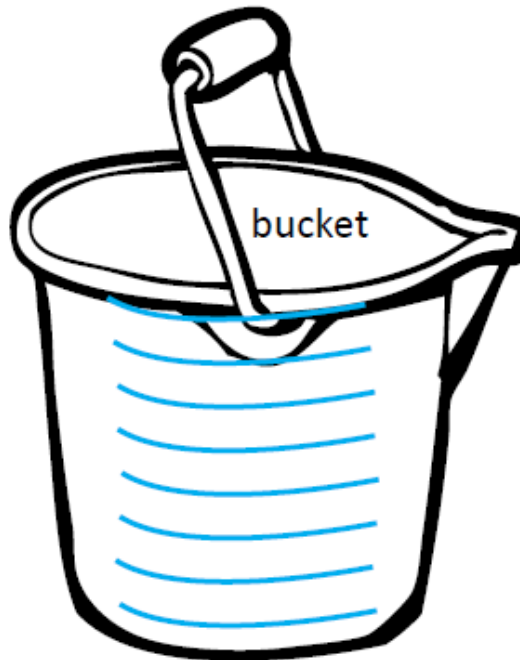
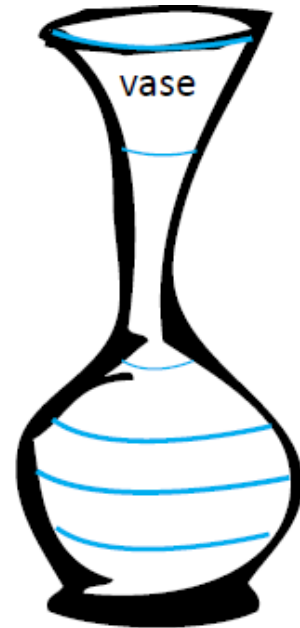
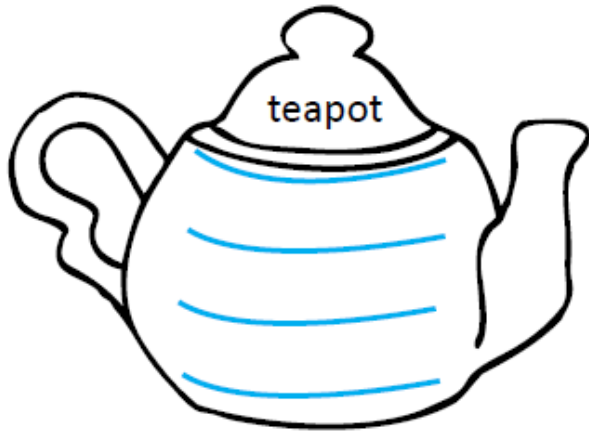
Find 3 different shaped bottles. When you fill them to the same height with water, do they contain the same amount? Explain why or why not.



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Each of the blue lines on the containers represents a cupful of liquid.

Draw a line from each container to show how many cupfuls it holds.



4 cupfuls

6 cupfuls

8 cupfuls

2 cupfuls

Write the containers in order from the least capacity to the greatest capacity.

Name _____

Date _____

Exploring Capacity

Estimate and measure how many yoghurt pots it will take to fill a variety of containers.

Container	Estimate	Measure
mug	pots	pots
drinks bottle	pots	pots
jug	pots	pots
vase	pots	pots
bowl	pots	pots
	pots	pots
	pots	pots
	pots	pots

Which container has the greatest capacity?

Which containers holds the least amount of water?

Exploring Capacity

I can fit 100ml of water in a cup. If it takes 7 cups to fill my bottle, how big is my bottle?



My bucket fits 800ml of water. If it has taken 10 cups to fill it, how big is my cup?



Exploring Capacity**Measuring in ml**

How much liquid is in each jug?



1. _____ ml



2. _____ ml



3. _____ ml



4. _____ ml



5. _____ ml



6. _____ ml



7. _____ ml



8. _____ ml



9. _____ ml

Exploring Capacity

Colour the Measuring Jug

Colour each jug to show the correct volume.

**Example: 3ml****9ml****6ml****2ml****16ml****8ml****45ml****30ml****35ml****90ml****50ml****30ml**

Challenge: Circle the **two** jugs with the **same volume** of liquid, then put a tick next to the jug with the larger overall capacity. Explain how you know.