

Compare Capacity

Adult Guidance with Question Prompts



Children continue to use non-standard units to measure the capacity of different containers. They measure with accuracy, using the same unit each time and ensuring that it is completely full. They use the terms 'more', 'less' and 'equal to' as they compare capacity.

How many glasses does the apple/orange juice carton fill?
Which container has the largest/smallest capacity? How do you know?

Which cereal box can hold the most/least? So which box has the smallest/largest capacity?

Practical challenge (with an adult):

Find three containers and one smaller container to use as a non-standard unit. Count the number of units used to fill each container. Then, order the containers from the smallest to the largest capacity.

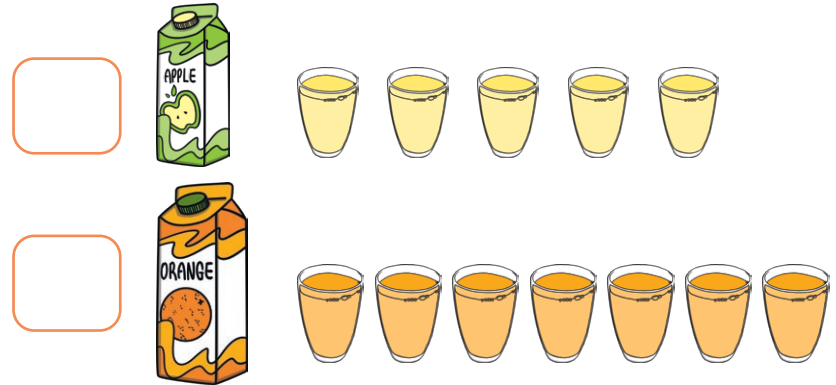
Which container do you think will have the smallest/largest capacity? How can you check? What can you use to measure the capacity? (Choose a non-standard unit.)

Were you right?

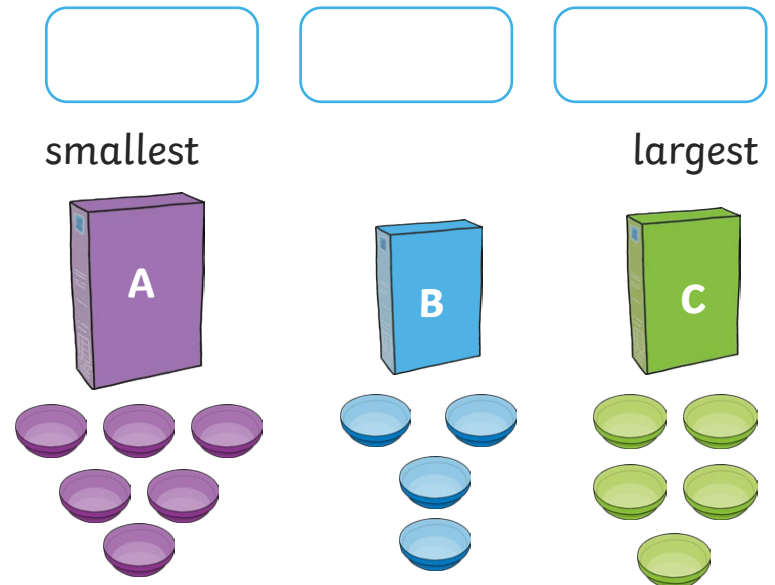
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Tick the carton that can hold the most.



Put these boxes in order from smallest to largest capacity.



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How many cups hold the same amount of tea as one teapot?

What is another way of saying 'the same as'?

Which holds more, a teapot or a cup? So which holds more, two teapots or two cups?

How many cups would hold the same as two teapots?

True or false? What would you change to fix it?

How many teapots hold the same as four cups? How do you know?

True or false? What would you change to fix it?

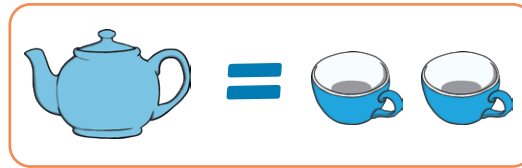
Which set could hold more water, the grey or the white?

How do you know?

Practical challenge (with an adult):

Find a large container, and a smaller container to use as a non-standard unit of measure. Can you create a similar challenge to the cup and teapot activity for your friend to investigate?

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True or false?



holds the same as



holds less than



holds more than



Which holds more? Grey or white?



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How many glasses have the same capacity as one bottle?
So how many would have the same capacity as two bottles?

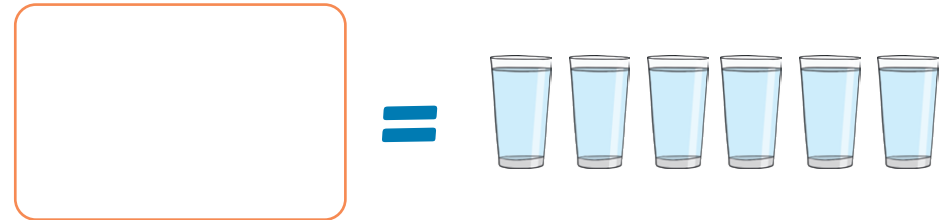
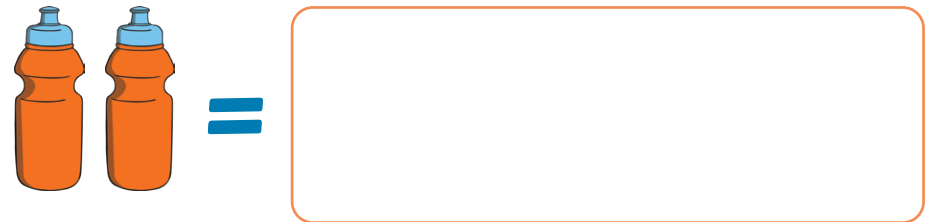
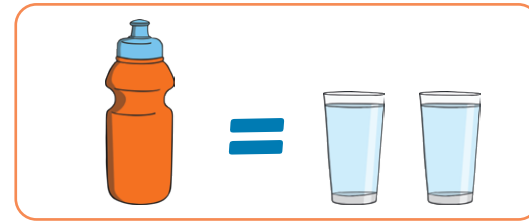
How many glasses can you see?
How many lots of two glasses are there?

Would one bottle be less than one glass? How about two glasses?
How can you find out?
How many glasses could you draw here?

Practical challenge (with an adult):

Find a large container, and a smaller container to use as a non-standard unit of measure. Can you create a similar challenge to the bottle and glass activity for your friend to investigate?

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Complete these statements.



is less than



is more than