

**1. Capacity** is the total amount of fluid that can be contained in a container. It is the word we use when we are measuring liquids.

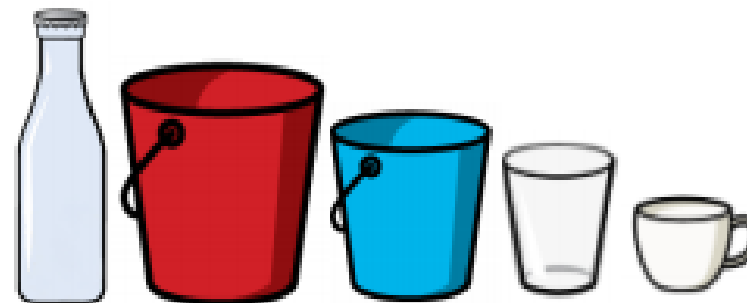


1. Read the information about **capacity**
2. Look at the examples showing different capacities
3. Find some containers around your house and experiment with their capacity
4. Compare the containers using **more** or **less**
5. Order the containers from **empty** to **full**

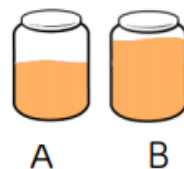


3. Find a range of different containers around the house that you can put water into.

- **Fill** your containers.
- **Empty** your containers.
- Make your containers **nearly full**.
- Make your containers **nearly empty**.

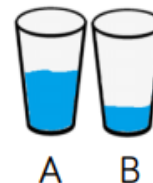


4. Use the words 'more' or 'less' to compare the containers.



A has \_\_\_\_\_ than B.

A has \_\_\_\_\_ than B.



5. Put these in order from **empty** to **full**:



**1. Capacity** is the total amount of fluid that can be contained in a container. It is the word we use when we are measuring liquids.

**1. Volume** is a **measure** of the size of an object, just like height and width are ways to describe size. If the object is hollow (in other words, empty), **volume** is the amount of liquid it can hold.

Lesson 4 – 18.06.2020

LO: To compare and order volume/capacity and record the results using  $>$ ,  $<$  and  $=$  to measure volume/capacity (ml/l)

Task:

You are going to be **comparing capacity** and/or **measuring volume/capacity**

Success Criteria:

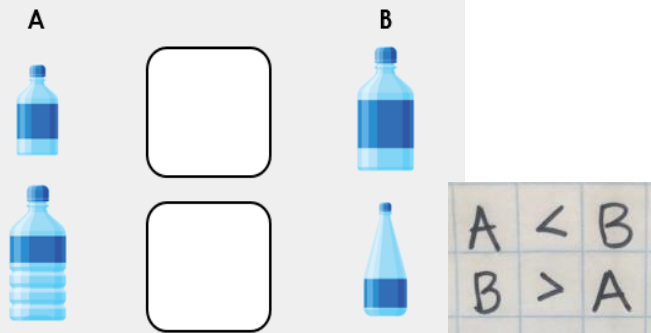
1. Read the information about **capacity** and **volume**
2. Find some containers around your house and experiment with their capacity
3. **Task 1:** Compare the capacity and record the results using  $>$ ,  $<$  and  $=$ . Then, order the items from **largest** to **smallest** capacity
4. **Task 2:** Match the volumes to the correct containers

Model:

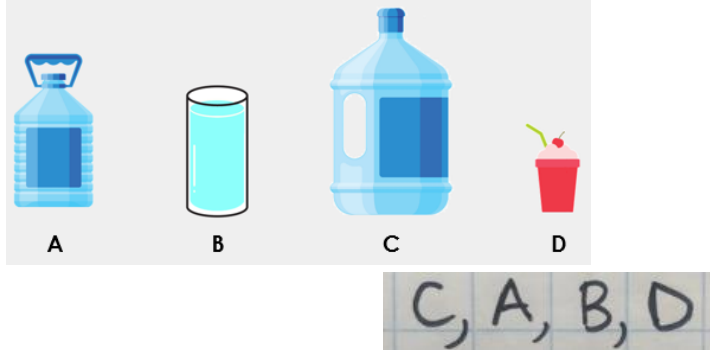
2. Find a range of different containers around the house that you can put water into.
- **Fill** your containers.
  - **Empty** your containers.
  - Make your containers **nearly full**.
  - Make your containers **nearly empty**.



3. Use  $<$ ,  $>$  and  $=$  symbols to compare the capacity of container A with container B.

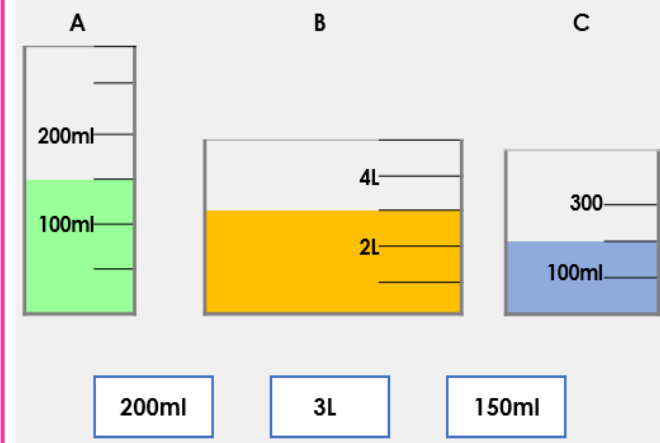


Order these items from the largest capacity to the smallest capacity.



4.

Match the volumes to the correct containers.















Handwritten text showing the matching results:  
A = 150ml  
B = 3L  
C = 200ml

**Task 1**

**Practice**

Use <, > and = symbols to compare the capacity of container A with container B:

A		B
	<input type="text"/>	
	<input type="text"/>	
	<input type="text"/>	
	<input type="text"/>	
	<input type="text"/>	
	<input type="text"/>	

Order these items from the *largest* capacity to the *smallest* capacity

			
A	B	C	D

Order these items from the *smallest* capacity to the *largest* capacity

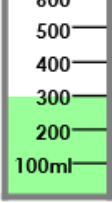
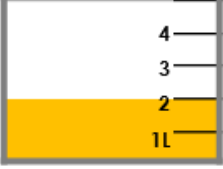
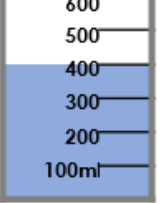
			
A	B	C	D

**Task 2**




**Practice**

Match the volumes to the correct containers:



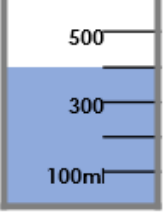
1.

A	B	C
		
<input type="text"/> 2L	<input type="text"/> 300ml	<input type="text"/> 400ml




2.

A	B	C
		
<input type="text"/> 1L	<input type="text"/> 100ml	<input type="text"/> 250ml


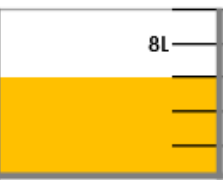
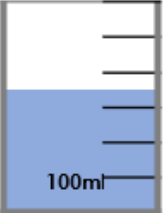
3.

A	B	C
		
<input type="text"/> 2L	<input type="text"/> 150ml	<input type="text"/> 400ml

4.

A	B	C
		
<input type="text"/> 1L	<input type="text"/> 250ml	<input type="text"/> 100ml

5.

A	B	C
		
<input type="text"/> 6L	<input type="text"/> 500ml	<input type="text"/> 350ml

**Task 3**

**Reasoning**

**Explain your answers.**

4a. Which container has the largest capacity?



How do you know?

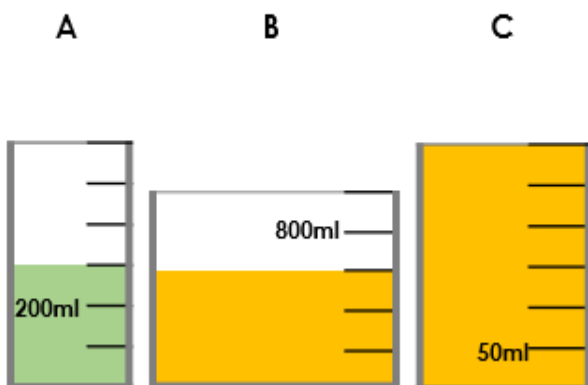
6a. Jacinta knows that 12 glasses of water will fill 1 bucket or 2 jugs.



I think that the capacity of the bucket is greater than the capacity of the jug.

Is she correct? Explain your answer.

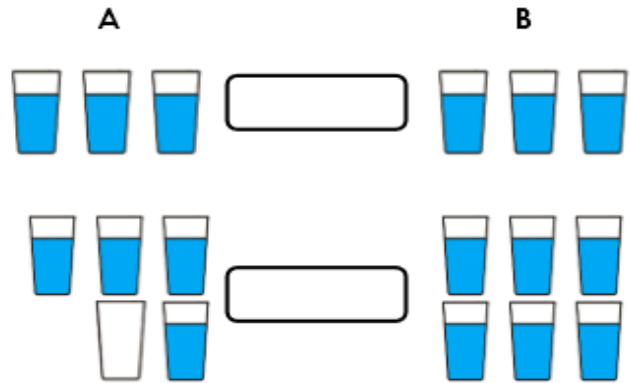
7a. Which is the odd one out? Explain your answer.



**Task 4**

**Problem solving**

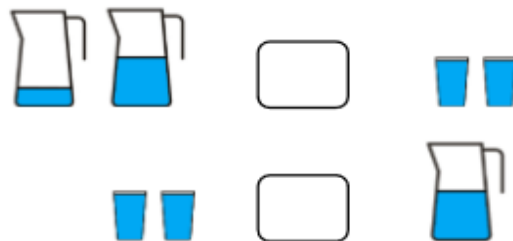
2b. Use the words more, less or equal, to compare the volume of column A with column B.



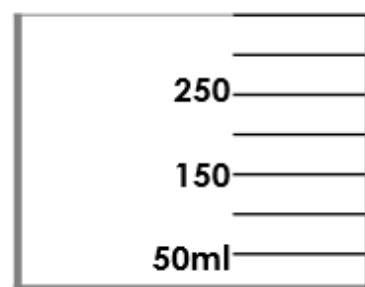
5b. Look at the comparison below.



Complete these statements using  $<$ ,  $>$  and  $=$  symbols.



6b. Sadia has poured water into the container below. The volume is more than 50ml but less than 300ml.



How much water could she have? Use arrows to label 3 possible answers.

**Challenge**

**2. The measuring cylinders below have their scales missing. Each of them have been filled using the bottles above them. Estimate the capacity of the bottles and use this to help rewrite the scales according to what units they are likely to be measuring in.**

