

Measure: Capacity (Lesson 1)

3



Fluency Teaching Slides

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Lesson 1

Measure Capacity (1)

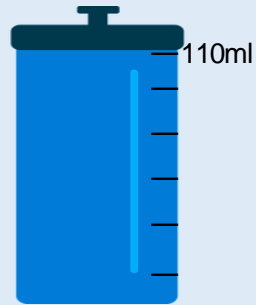
What do you remember about capacity and volume?



Remember, capacity is the amount of liquid a container can hold and volume is how much liquid is in the container.

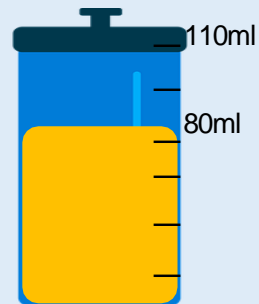
Capacity and Volume

Capacity is the amount of liquid a container can hold.



The capacity of this bottle is 110ml.

Volume is the how much liquid is in the container.

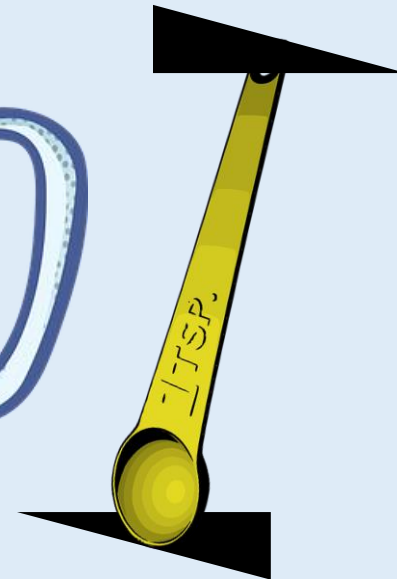
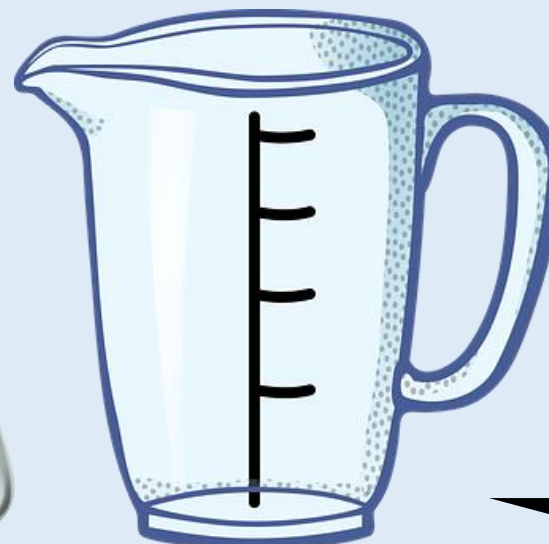
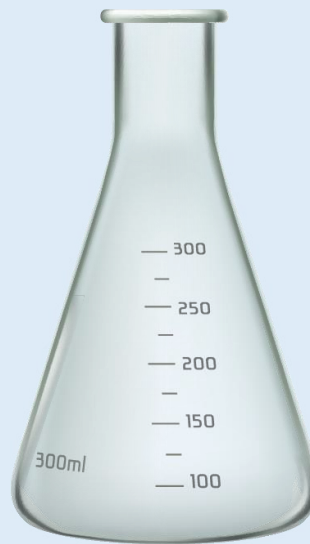
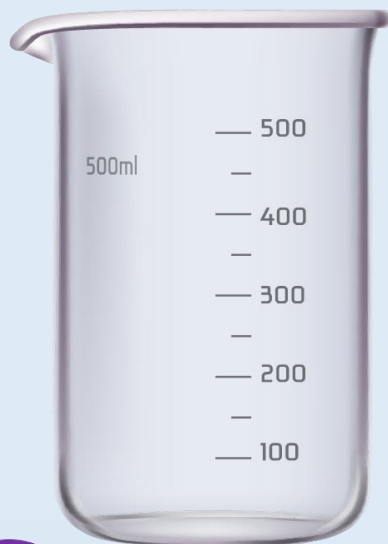


The volume of this bottle is 80ml.

Starter

Measure Capacity (1)

Have a look around. What containers can you find for measuring capacity? Make a list in your book. Do they have a scale on them? What are the increments (this is what the scale is counting up in)?

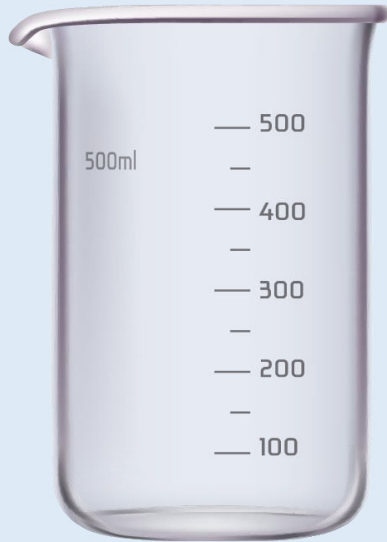


What's the same and what's different about capacity and volume?

Activity 1

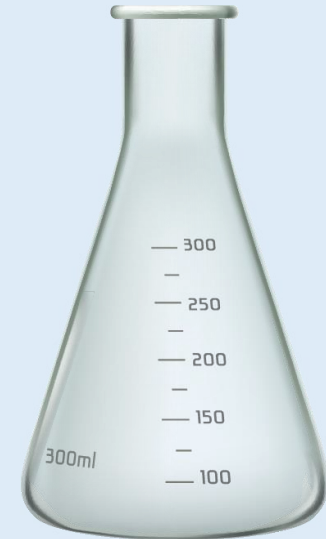
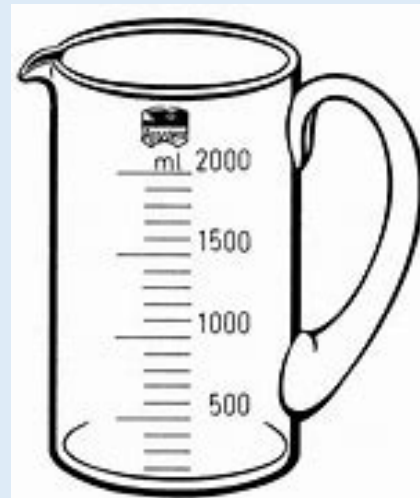
Measure Capacity (1)

Every scale has increments. You need to work out what the scale is counting up in so that you can read the measurement.



The longer lines are counting in 100ml
The shorter lines are increments of 50ml

The longer lines are counting in 500ml
The shorter lines are increments of 100ml



The longer lines are counting in 50ml
The shorter lines are increments of 25ml

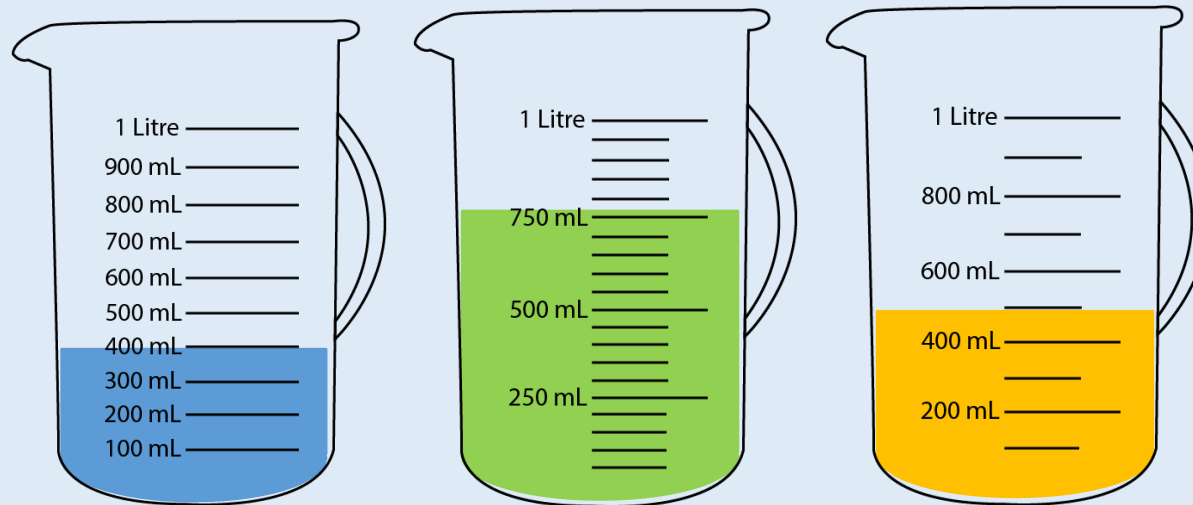


What is the capacity of each container?

Activity 2

Measure Capacity (1)

Use the sentence stem to describe the capacity and volume of each container.
Copy the sentence into your book three times and fill in the blanks.



The volume of liquid is _____. The capacity of the container is _____.

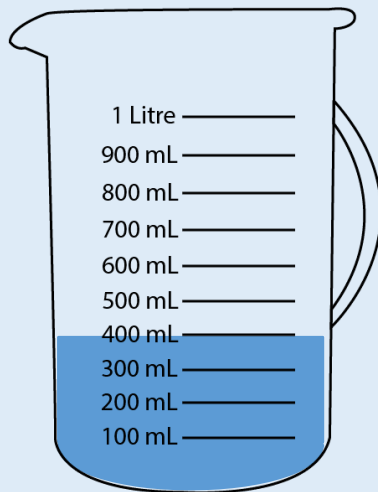


What do we measure capacity and volume in?

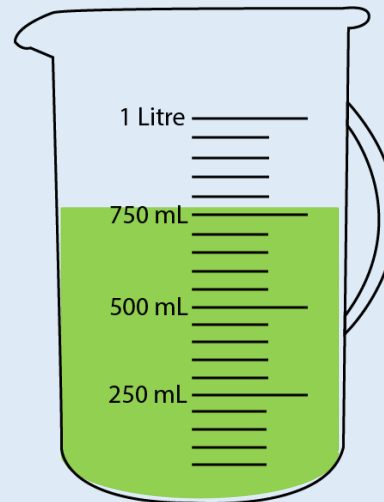
Activity 2

Measure Capacity (1)

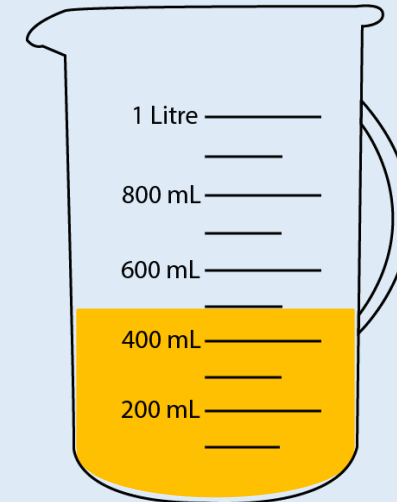
Use the sentence stem to describe the capacity and volume of each container.



The volume of liquid is 400ml. The capacity of the container is 1L.



The volume of liquid is 750ml. The capacity of the container is 1L.

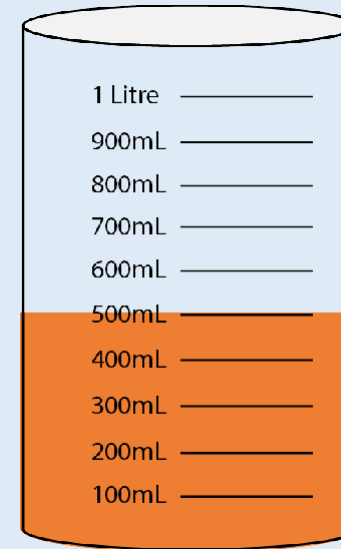
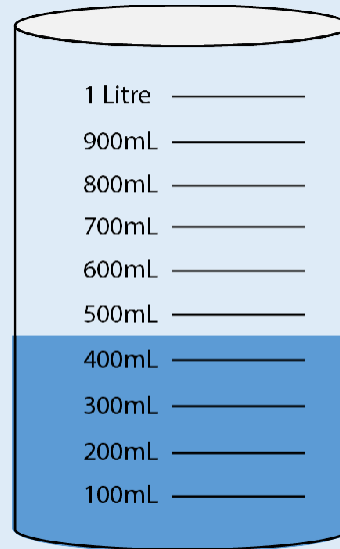
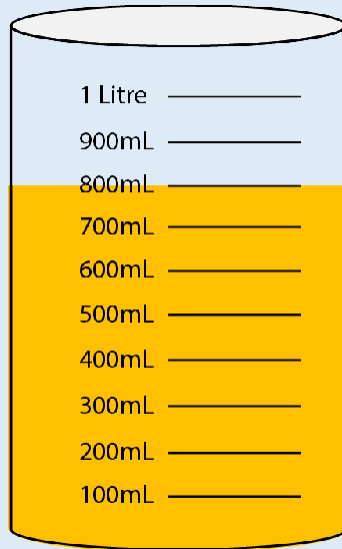


The volume of liquid is 450ml. The capacity of the container is 1L.

Activity 2

Measure Capacity (1)

Use the sentence stem to describe the capacity and volume of each container.
Copy the sentence into your book three times and fill in the blanks.



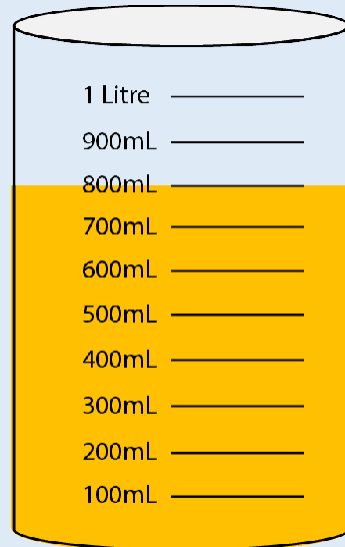
The volume of liquid is _____.
The capacity of the container is

_____.

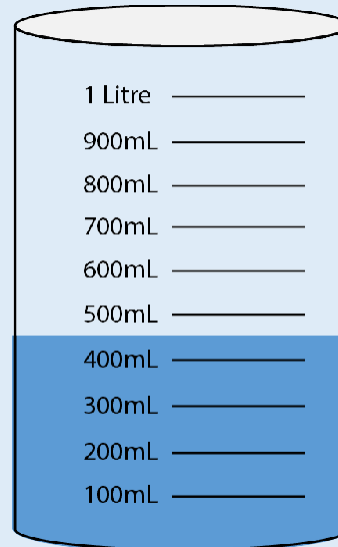
Activity 2

Measure Capacity (1)

Use the sentence stem to describe the capacity and volume of each container.



The volume of liquid is 800ml. The capacity of the container is 1L.



The volume of liquid is 450ml. The capacity of the container is 1L.

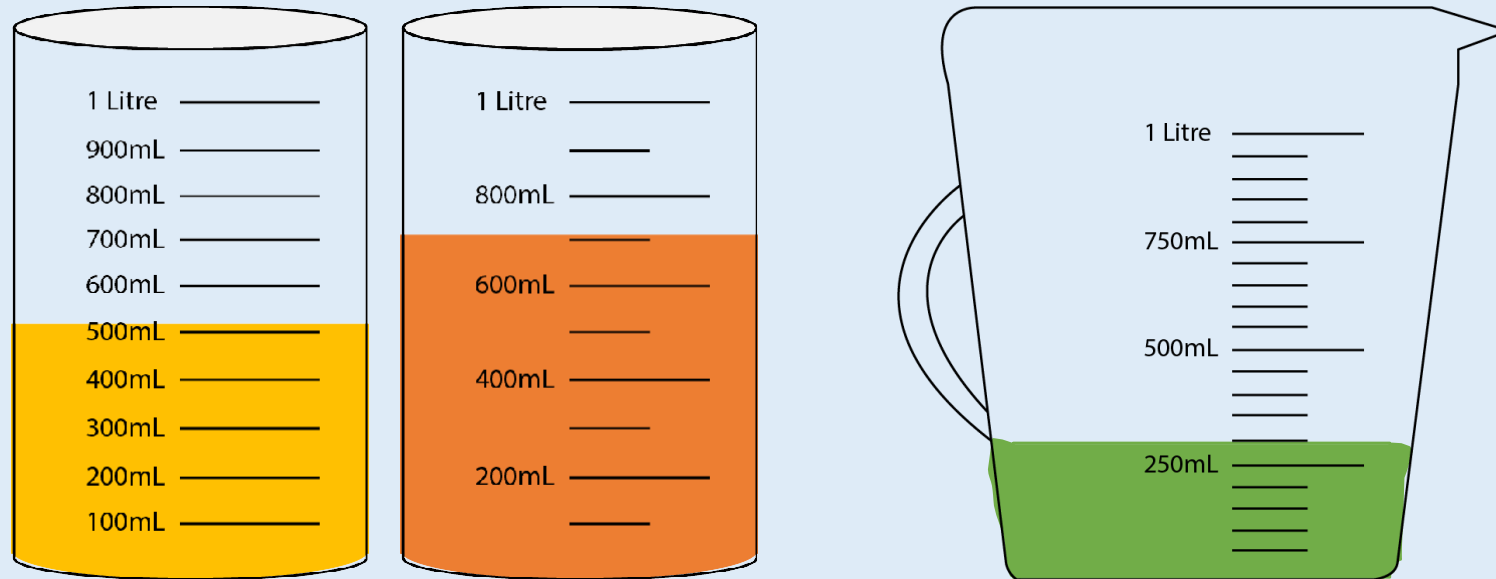


The volume of liquid is 500ml. The capacity of the container is 1L.

Activity 3

Measure Capacity (1)

Identify what the scale is going up in to find out the volume in each container.
Copy the sentence into your book three times and fill in the blanks.



The increments are in _____. The volume
is _____.

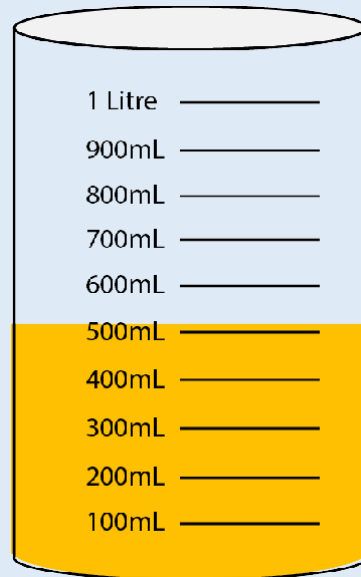


Hint - How much liquid is in each container?

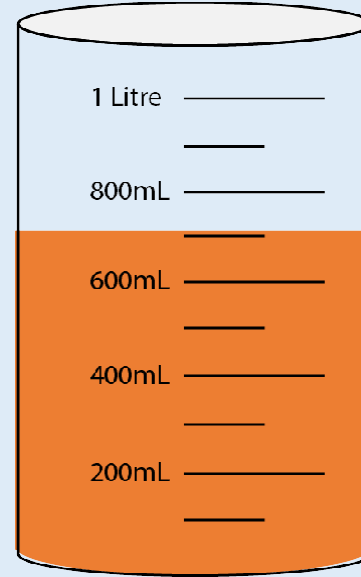
Activity 3

Measure Capacity (1)

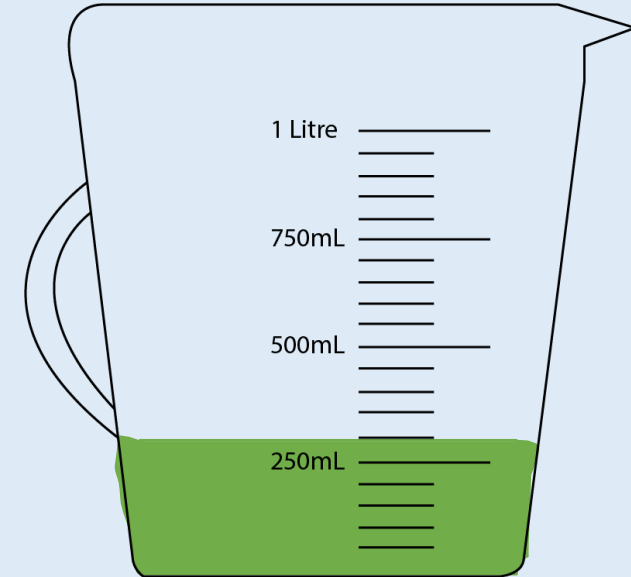
Identify what the scale is going up in to find out the volume in each container. Use the stem sentence.



The increments are in 100ml. The volume is 500ml.



The increments are in 100ml. The volume is 700ml.

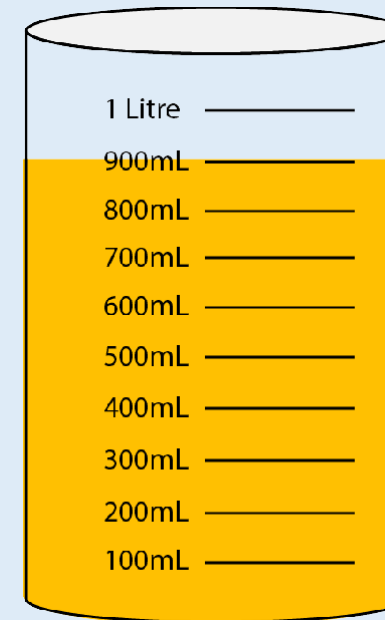
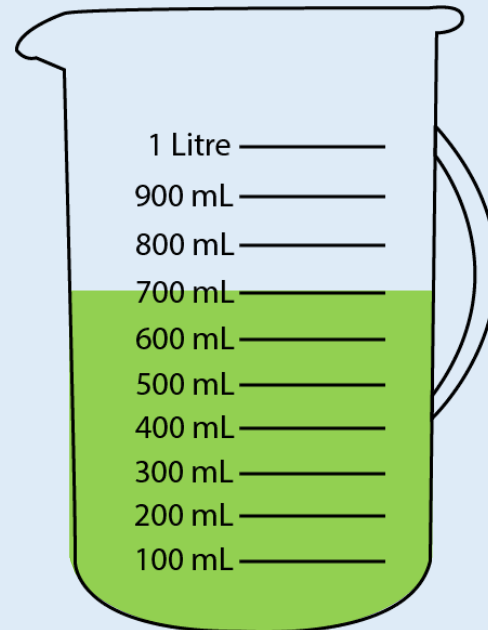
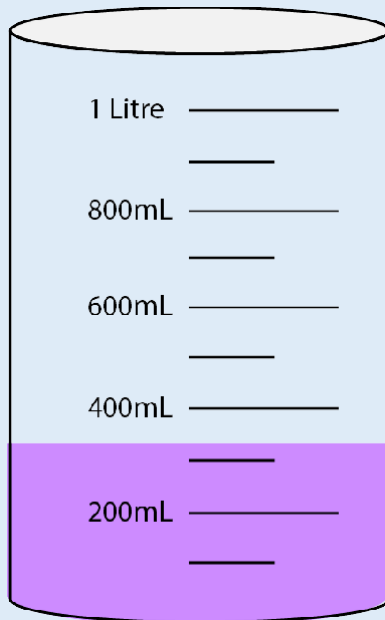


The increments are in 50ml. The volume is 300ml.

Activity 3

Measure Capacity (1)

Identify what the scale is going up in to find out the volume in each container.
Copy the sentence into your book three times and fill in the blanks.

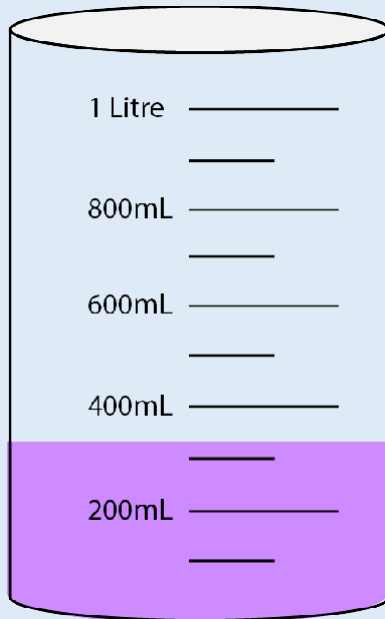


The increments are in _____. The
volume is _____.

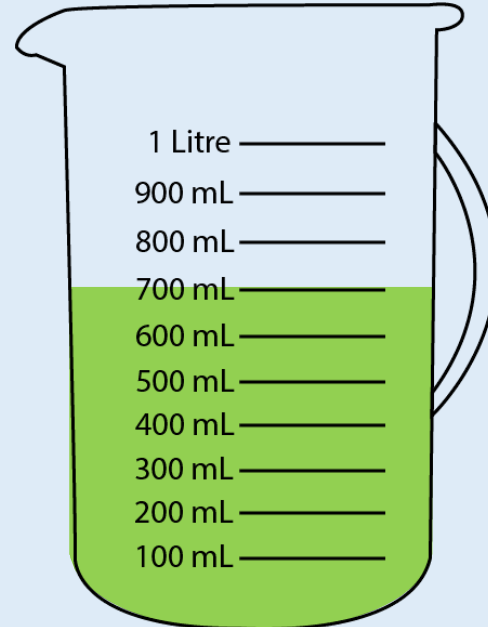
Activity 3

Measure Capacity (1)

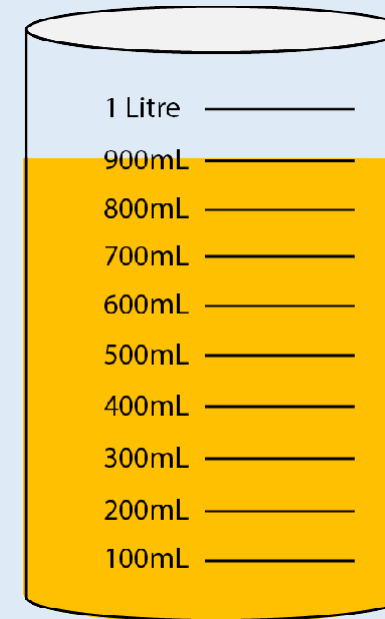
Identify what the scale is going up in to find out the volume in each container. Use the stem sentence.



The increments are in 100 ml. The volume is 300ml.



The increments are in 100 ml. The volume is 700ml.



The increments are in 100ml. The volume is 900ml.

What's the same and what's different about capacity and volume?

What does capacity mean? What does volume mean?

What do we measure capacity and volume in?

What unit of measure (ml or l) would we use to measure _____?

How much liquid is in the container?

What is the scale going up in?