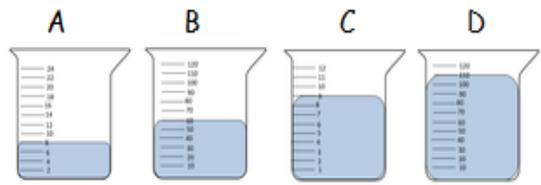


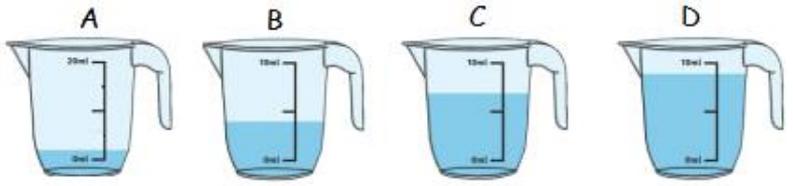
RECALL (1) – CAPACITY

These beakers are the same size. Compare beaker A, B, C and D using the words **more** or **less**.



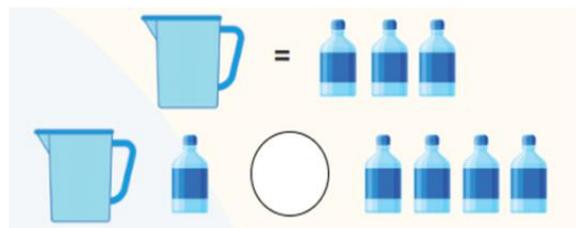
Beaker A has _____ than beaker B.
 Beaker C has _____ than beaker A.
 Beaker D has _____ than beaker C.
 Beaker B has _____ than beaker D.

Compare jug A, B, C and D using the symbols $<$ $>$ and $=$.

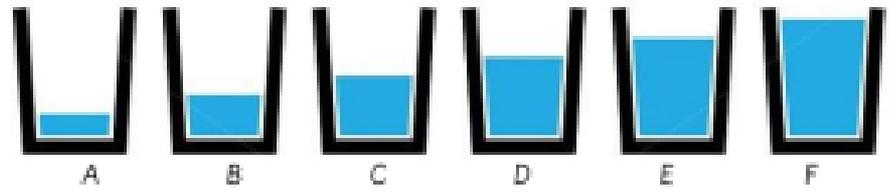


Jug A Jug B Jug B Jug D
 Jug C Jug A Jug B Jug C

Use $<$ $>$ or $=$ to complete the comparison.



Match the statements to the correct glass.



- The glass with the largest capacity is glass _____.
- The glass with the least capacity is glass _____.
- The glass with twice the amount in glass A is glass _____.
- The glass with half the amount of glass F is glass _____.
- The glass with the second largest capacity is glass _____.

I need to fill the yellow bucket to wash my car.

I know the capacity of this bowl.



The bucket holds twice as much as the bowl.

How many cups will fill the bucket? 

Explain how you worked it out.

.....

LO: I CAN READ SCALES ON DIFFERENT CONTAINERS

Page

Success Criteria

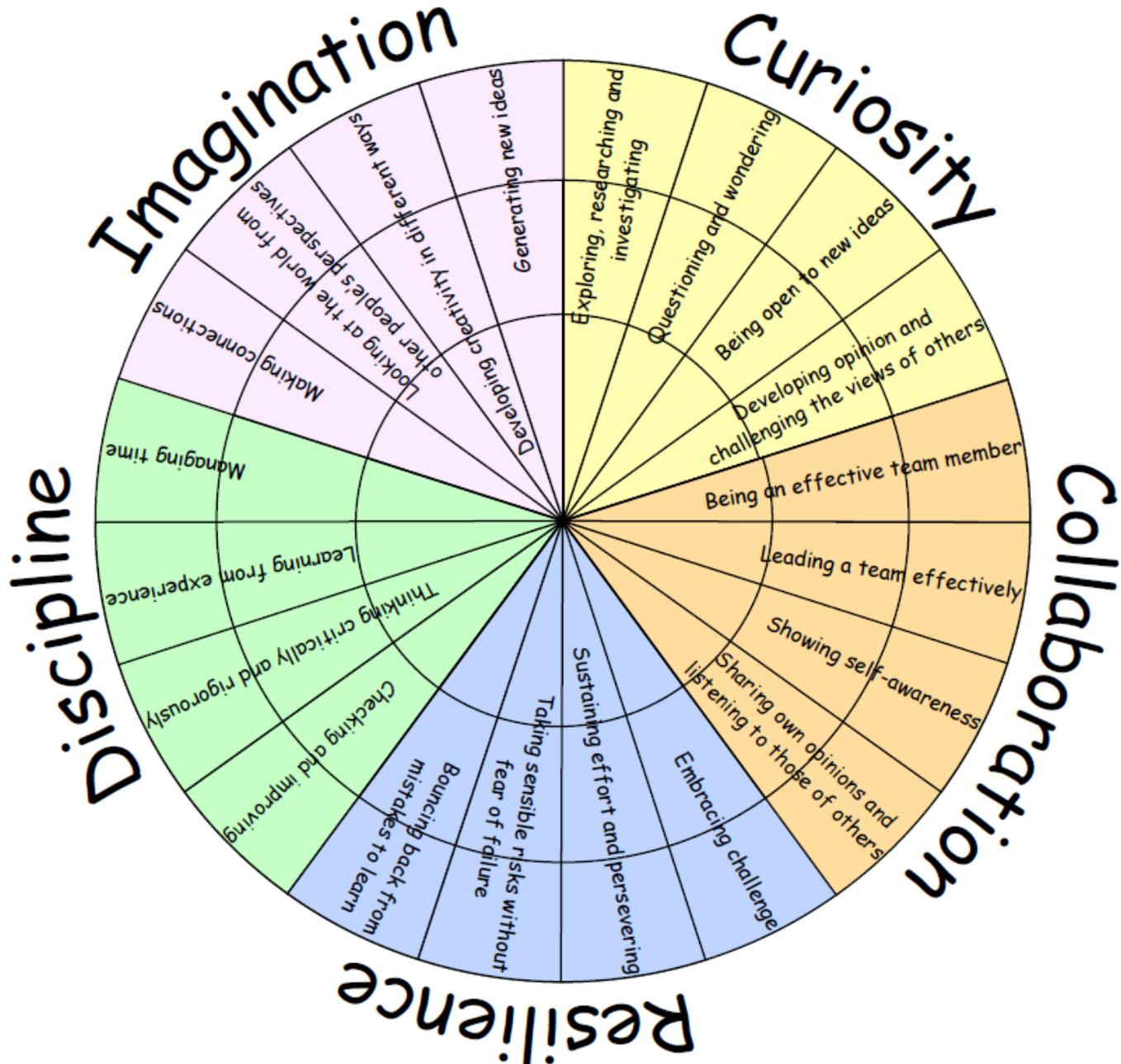
Some will even between intervals on different scales.

Some will read ml/l on a container (between intervals).

Most will read given ml intervals on different containers.

All will read given ml intervals on a container.

LEARNING HABITS?



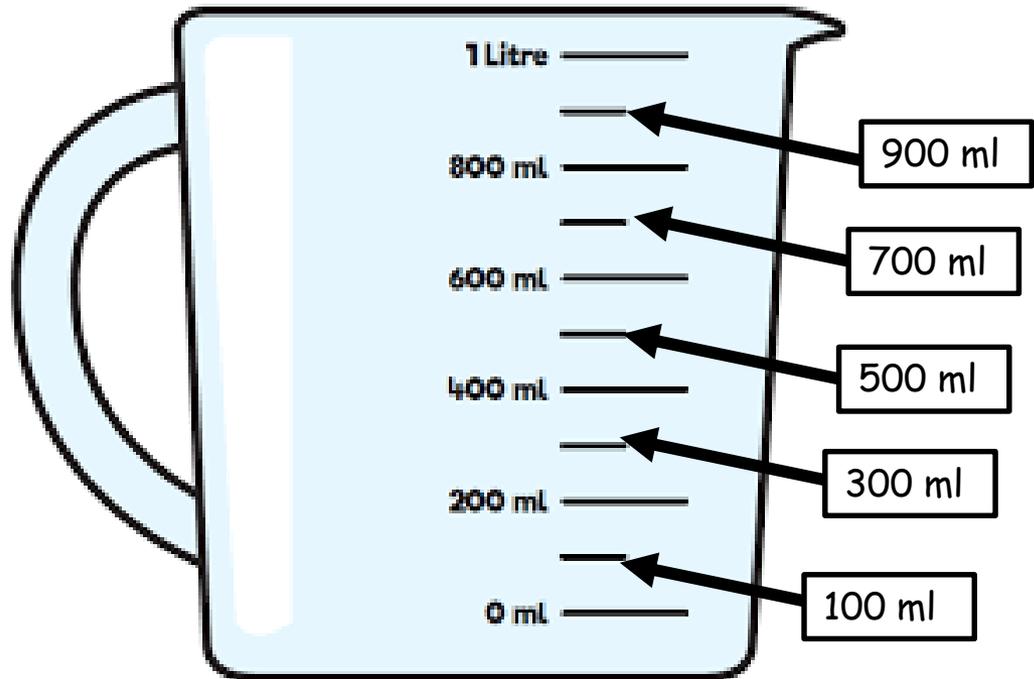
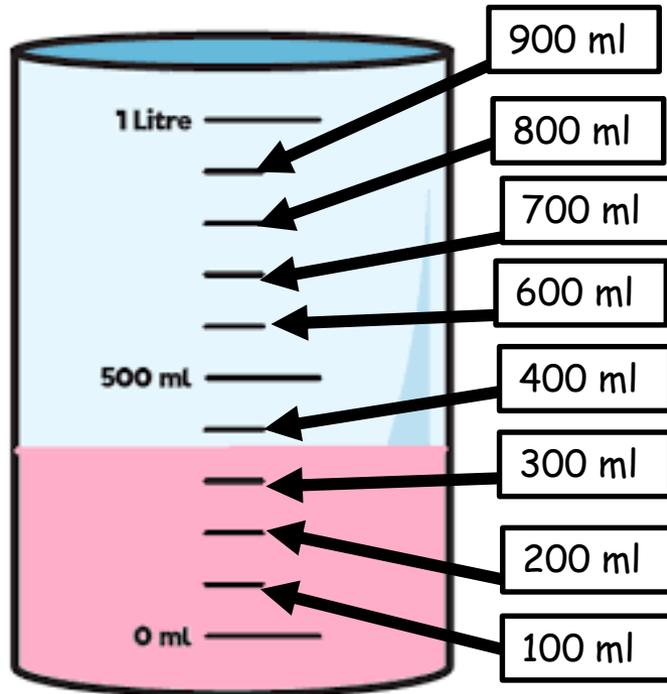
GUIDED PRACTICE – DIFFERENT SCALES

3 BEFORE ME



Both of these containers look different; one is a beaker and one is a jug. However, both can hold a maximum capacity of 1 litre (1000 millilitres).

These scales are different too. The beaker's scale increases in 500ml intervals. The jug's scale increases in 200ml intervals. The other lines between the given ml represent other numbers.



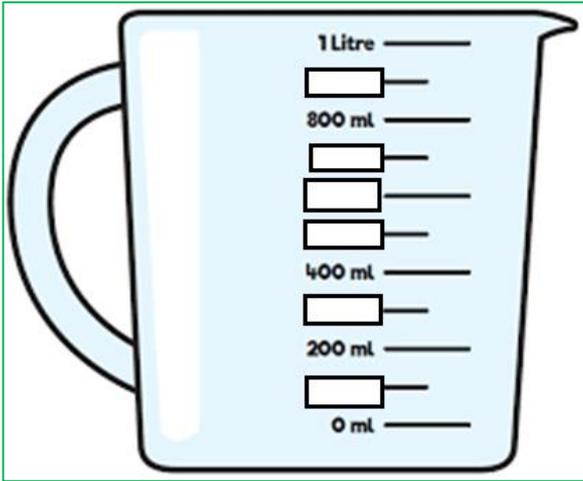
millilitres litres interval
capacity scale

There are 1000 millilitres in a litre.
1000 millilitres equals 1 litre
 $1000 \text{ ml} = 1$

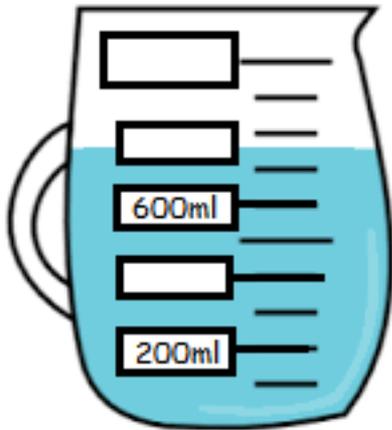
INTELLIGENT PRACTICE (1)

3 BEFORE ME 

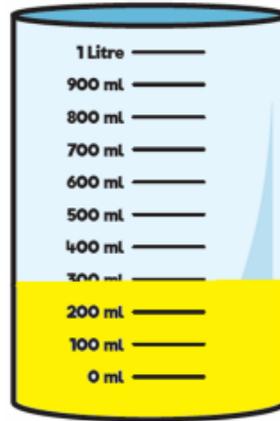
This jug has a capacity of 1 litre (1000ml). It increases in 100ml increments. Fill in the gaps.



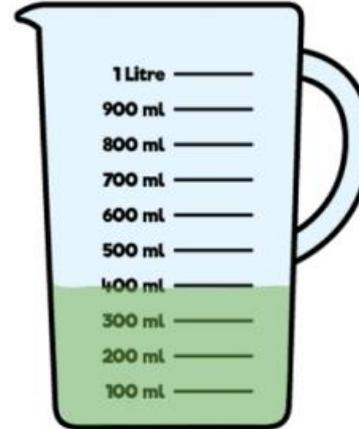
This jug increases in 200ml increments. Fill in the gaps.



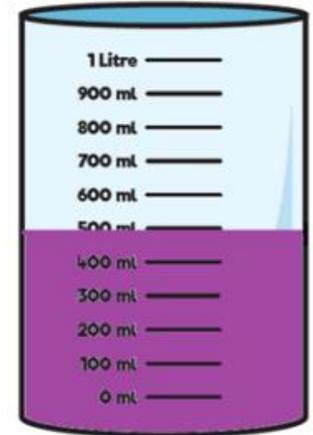
How much liquid does each container hold?



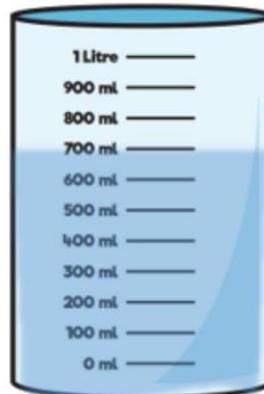
ml



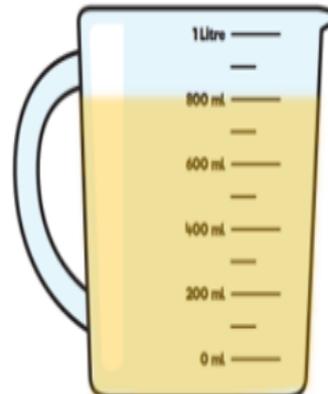
ml



ml



ml



ml

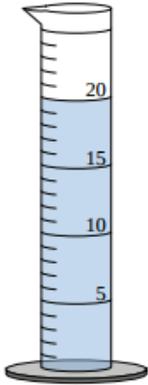


ml

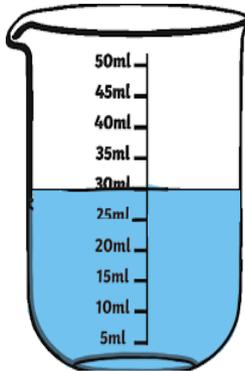
INTELLIGENT PRACTICE (2)

3 BEFORE ME 

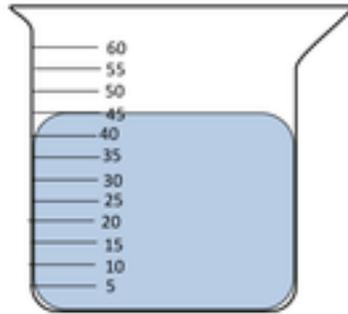
The containers may be bigger or smaller in real life. They have different intervals, meaning their scale could increase by 5ml, 10ml, 20ml, 50ml, 100ml, 200ml, 250ml or 500ml. How many ml does each one hold?



ml

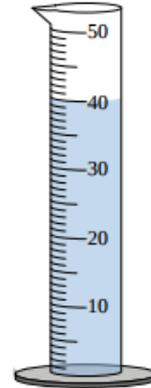


ml



ml

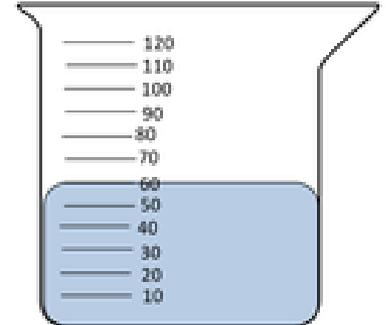
The scale increases by ____.



ml



ml



ml

The scale increases by ____.



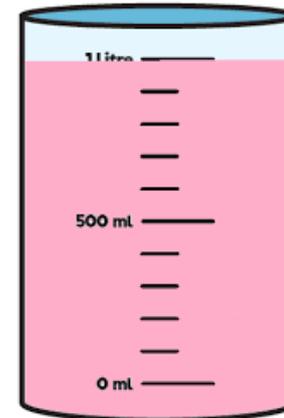
ml

The scale increases by ____.



ml

The scale increases by ____.



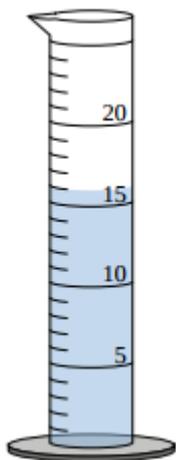
ml

The scale increases by ____.

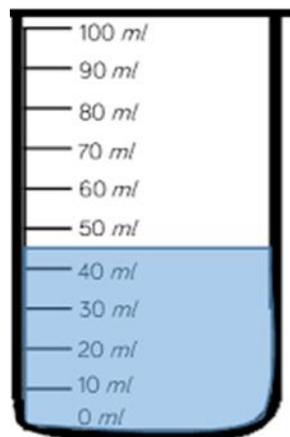
INTELLIGENT PRACTICE (3)

3 BEFORE ME 

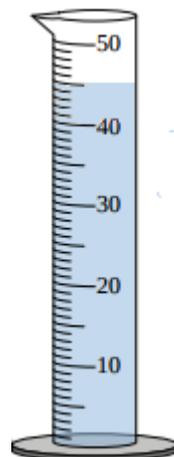
Look carefully at the scale and work out the number that is between the interval.



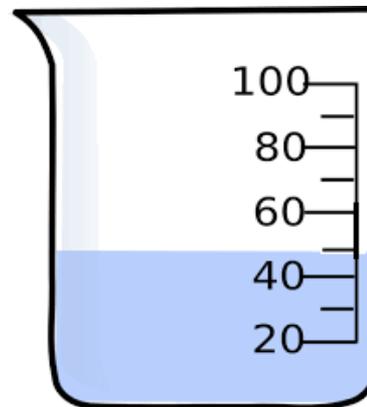
ml



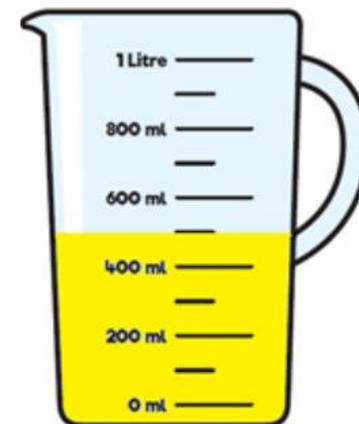
ml



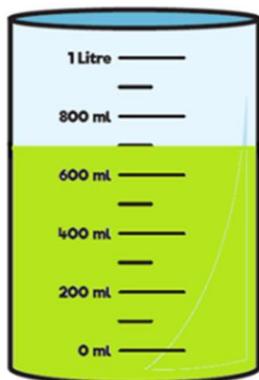
ml



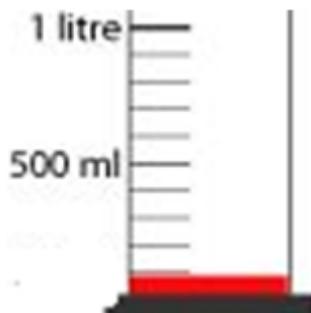
ml



ml



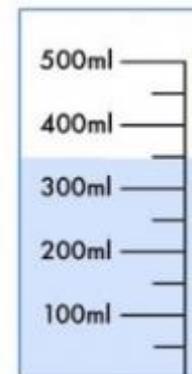
ml



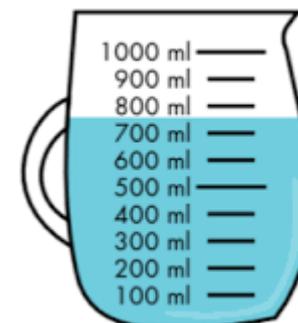
ml



ml



ml



ml

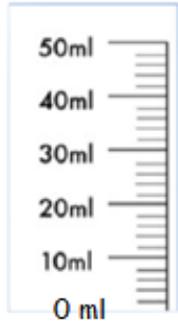
Explain how you worked out what number was in between the intervals.
I know that



DIVE DEEPER 1

1

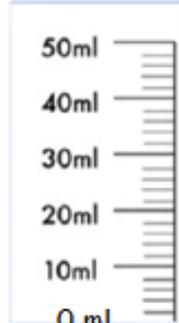
Here are some capacities below 100ml.
Colour the containers to show the given ml.



20ml



40ml

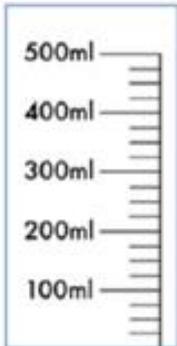


50ml

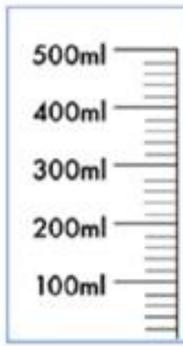
The scale increases in increments of ____.

2

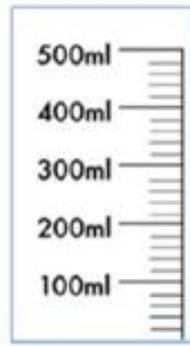
Colour the containers to show the given ml.



100ml



300ml



400ml

The scale increases in increments of ____.

3

Colour the containers to show the given ml.



200ml



400ml

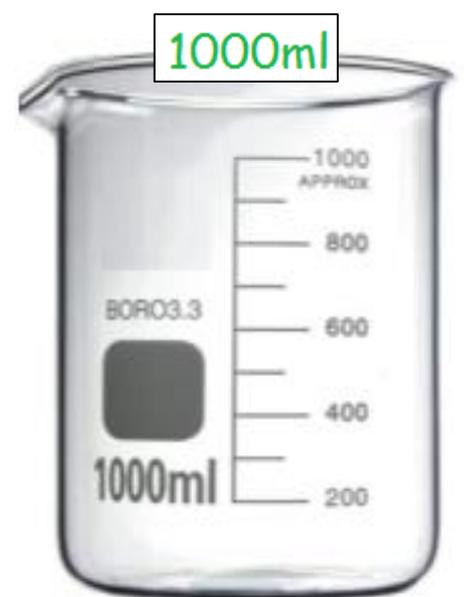
The scale increases in increments of ____.

4

Colour the containers to show the given ml.



600ml



1000ml

The scale increases in increments of ____.

DIVE DEEPER 2

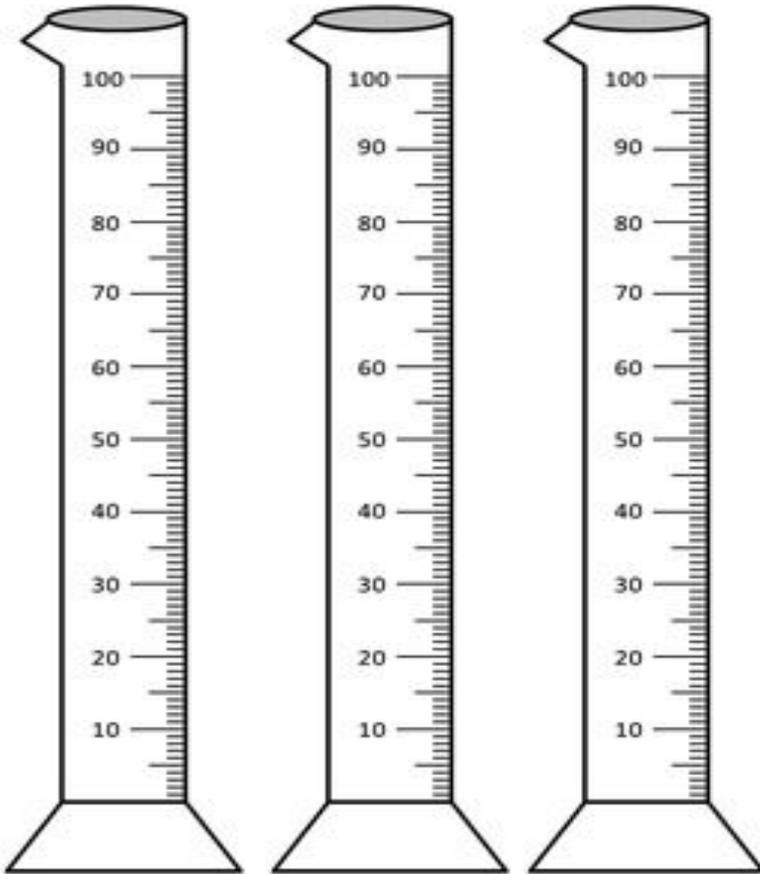
1

Here are some capacities below 100ml.
Colour the containers to show the given ml.
Look carefully at the scale.

15ml

45ml

85ml



The scale increases in increments of ____.

2

Colour the containers to show the given ml.



30ml



50ml

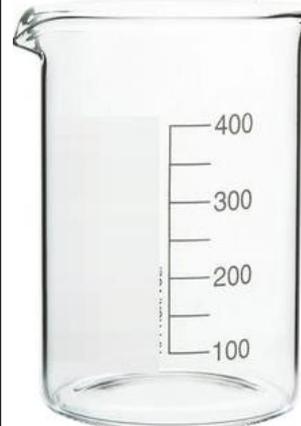


90ml

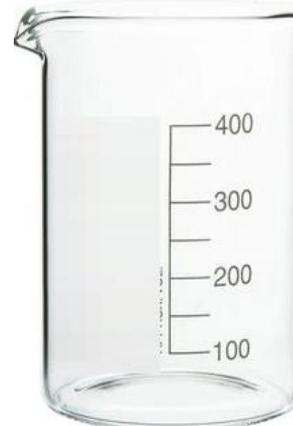
This scale goes up in increments of ____.

3

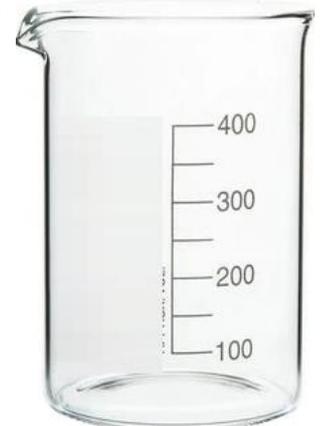
Colour the containers to show the given ml.



150ml



250ml



350 ml

This scale goes up in increments of ____.

DIVE DEEPER 3

1 True or false?

The intervals on every container increase by the same amount on the scale.



Explain

.....

.....

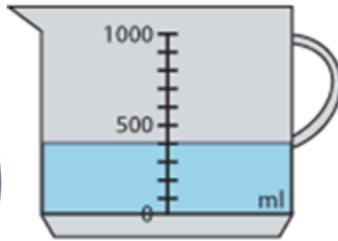
.....

2 Who is right?

Max



Jug A has more water as it has a greater number of ml.

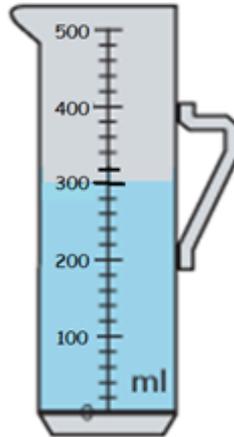


Jug A

Alice



Jug B has more water in it because the water is higher when you look at Jug A and B side by side.



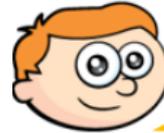
Jug B

3 Use the clues to work out who has which container.



I have exactly half a litre

Annie



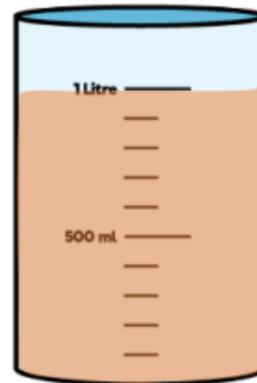
I have 1,000 ml

Amir

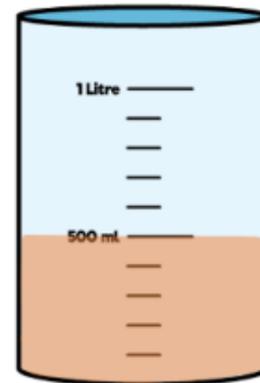


I have more than 300 ml but less than 400 ml

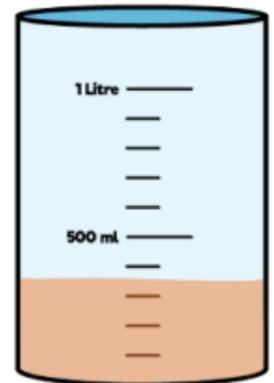
Eva



A



B



C

Annie has container ____.

Amir has container ____.

Eva has container ____.

DIVE DEEPER 4

1 Do these jugs hold the same or different capacities?



Explain

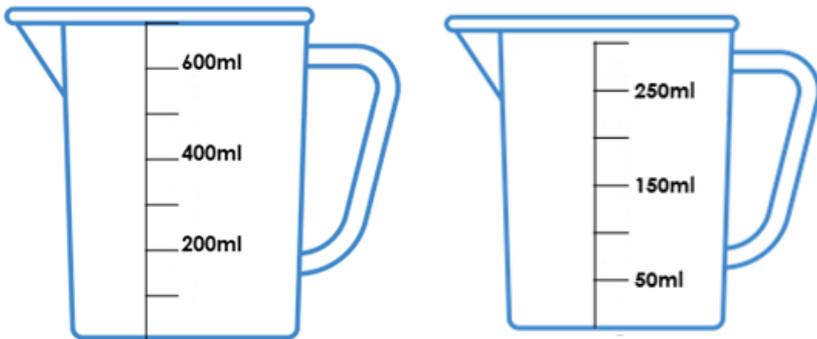
.....

.....

.....

.....

2 Draw the water level on each of the measuring jugs to show a volume of 300 ml.



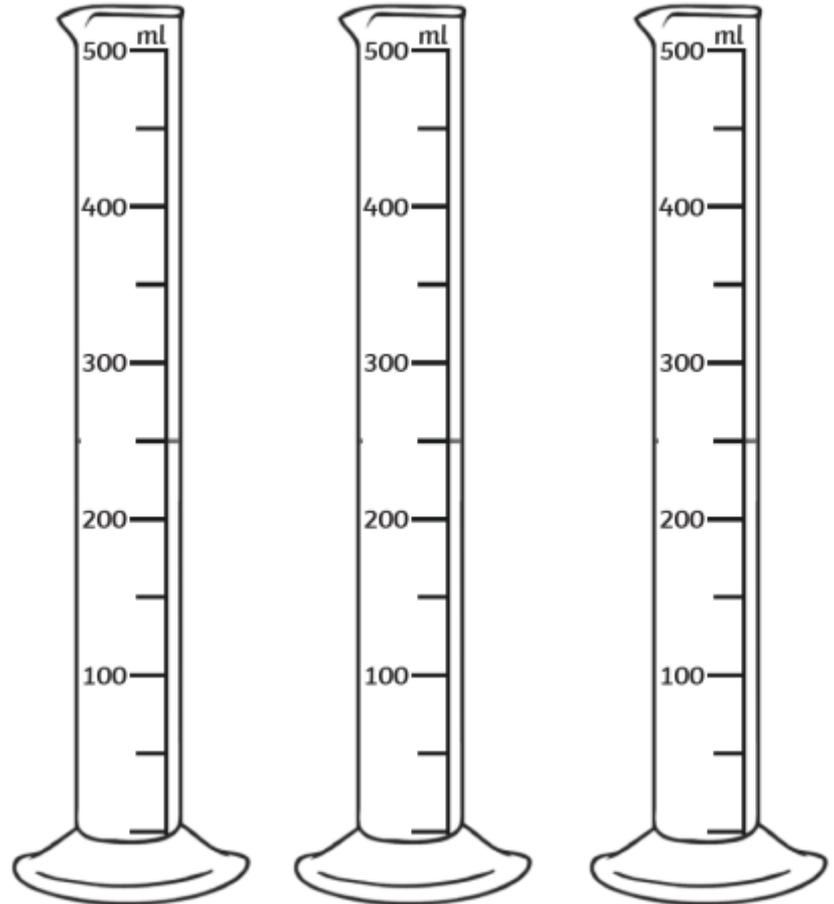
3

Here are some capacities below 500ml.
Colour the containers to show the given ml.
Look carefully at the scale.

125ml

275ml

425ml



The scale increases in increments of _____.

Explain how you solved it using the words: scale, increments, increased...etc