

Measuring in cm

You will need a ruler.

Choose some items in your house to measure in cm and fill in the table below. Perhaps you could measure the length of a pencil or book.

Item	Measurement in cm

Draw and Measure Lines

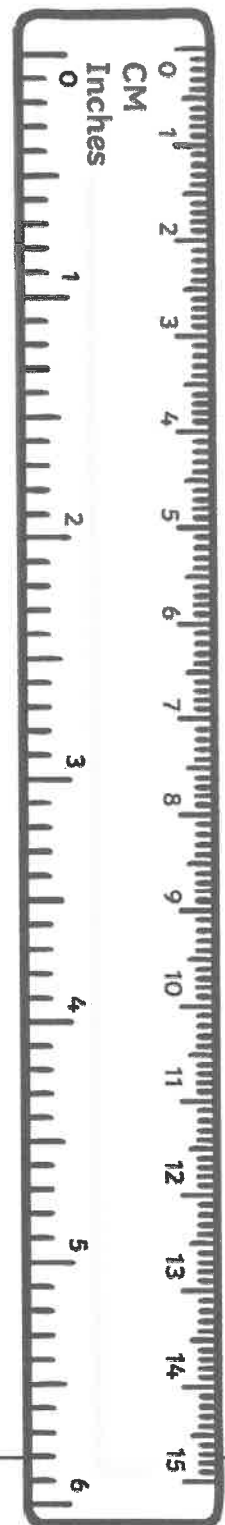
Amazing Fact

A pencil has the potential to draw a line 38 miles long.

Challenge

Using a ruler and a pencil, draw lines the lengths stated in the boxes below.

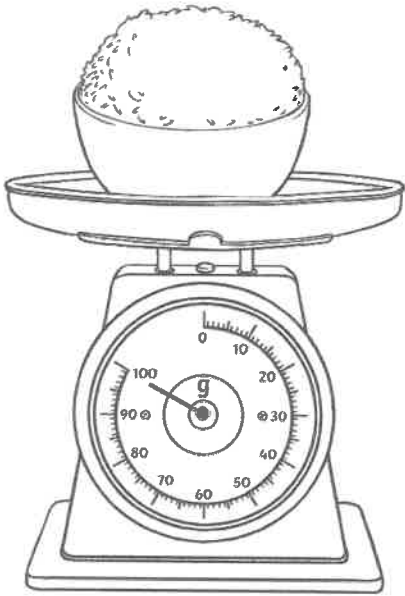
2cm
5cm
10cm
4cm
6.5cm
3.5cm
9.5cm



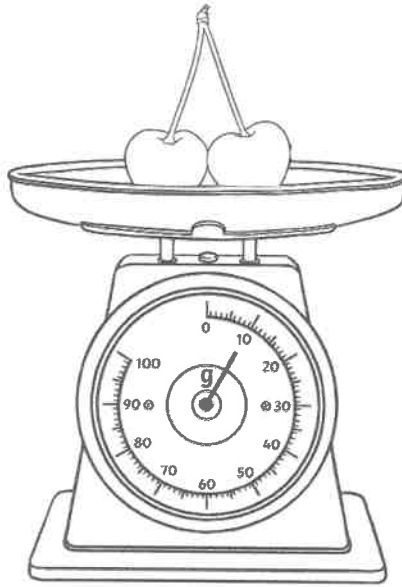
You could also try to find out:

- what the longest line ever drawn was;
- when the pencil was invented;
- whether the pencil or the rubber came first;
- how a pencil is made.

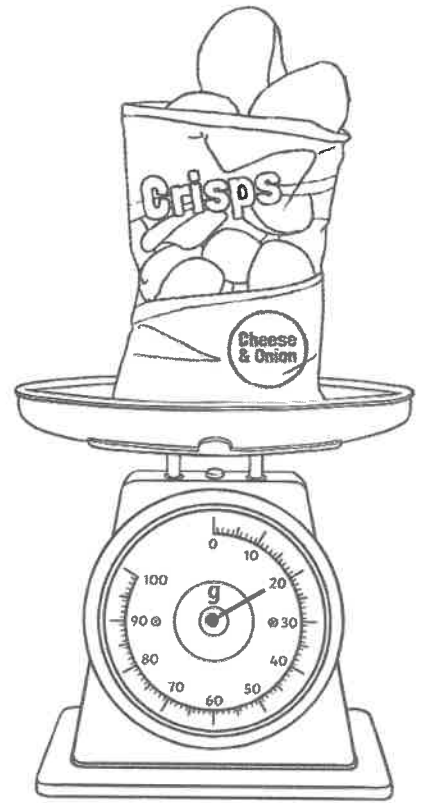
How Many Grams?



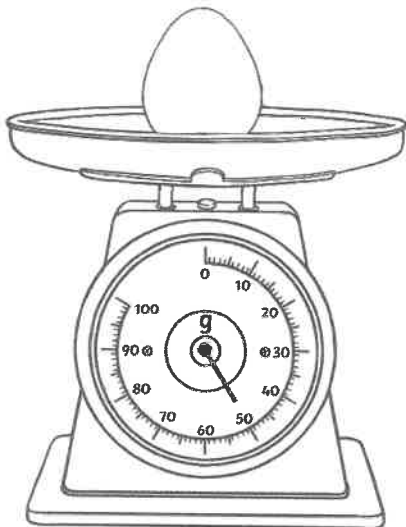
_____ g



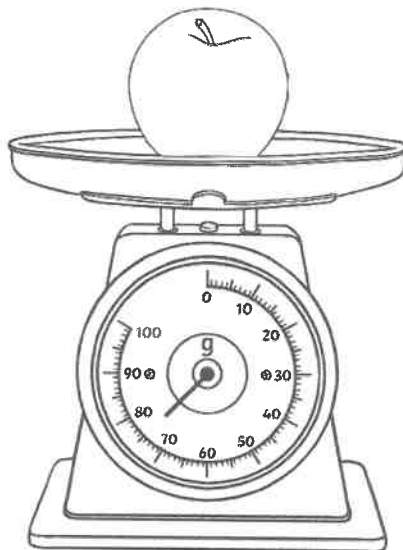
_____ g



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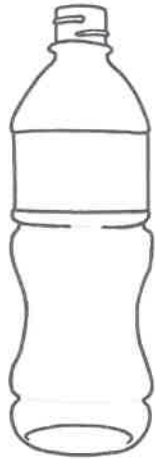


Volume

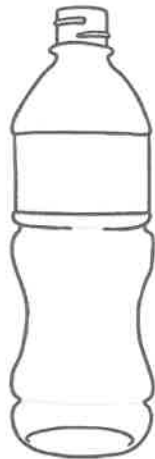
I can describe and compare capacity and volume.



Draw the liquid in the bottle to match the capacity word.



full



empty



nearly empty



half full

Draw a line connecting the pictures with the correct capacity.



full



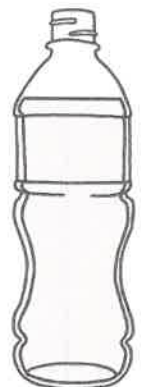
nearly empty



half full



nearly full

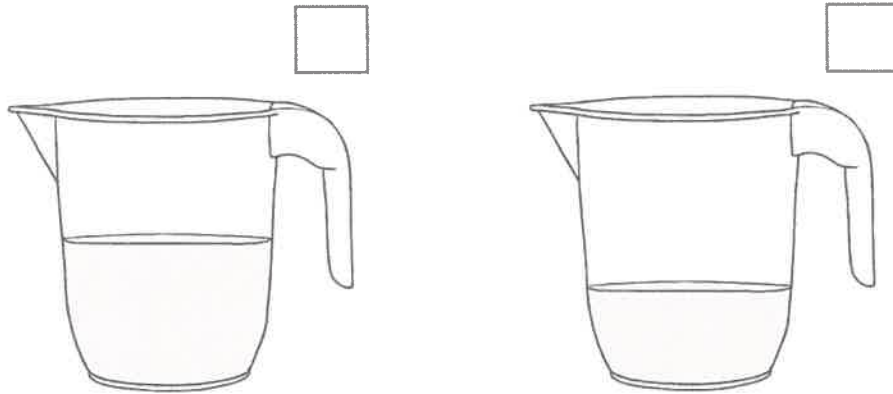


empty

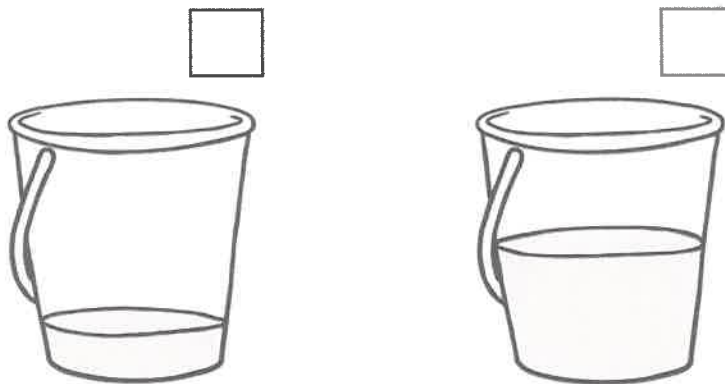


Volume

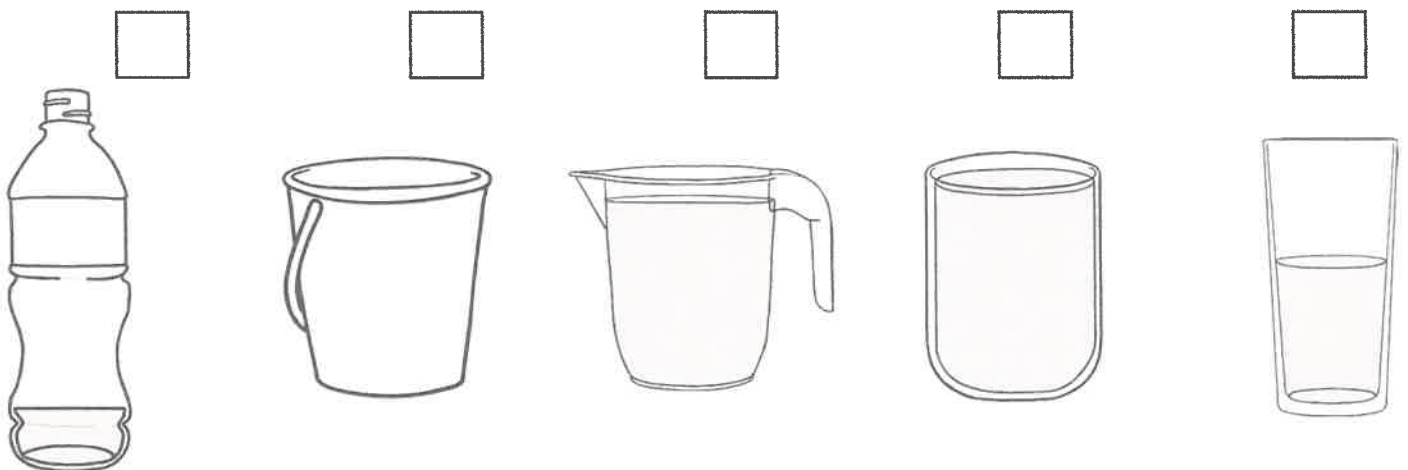
Tick the jug that is fuller.



Tick the bucket that is emptier.



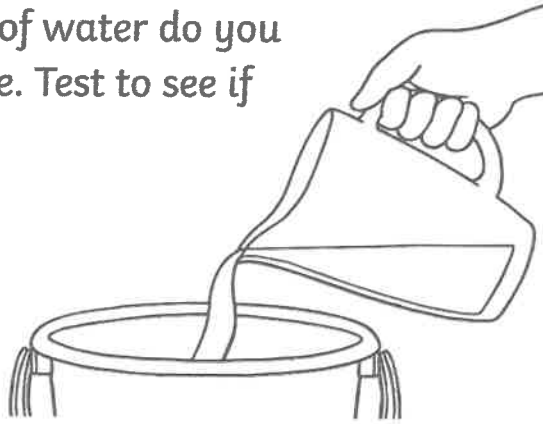
Tick the container that is half full.



How Many Litres?

I can measure capacity using standard units.

Choose a container. How many litres of water do you think it will hold? Each jug is one litre. Test to see if you are correct.



Container	Prediction	Result
	litres	litres
	litres	litres
	litres	litres

Which container held the most? _____

Which container held the least? _____

How Many Millilitres?

I can measure capacity using standard units.

Match the beakers with the number of ml that they show.

10ml

100ml

50ml

30ml

80ml

