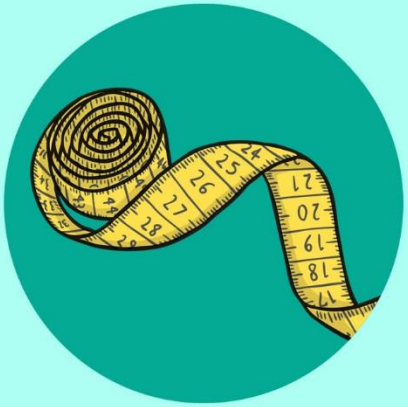
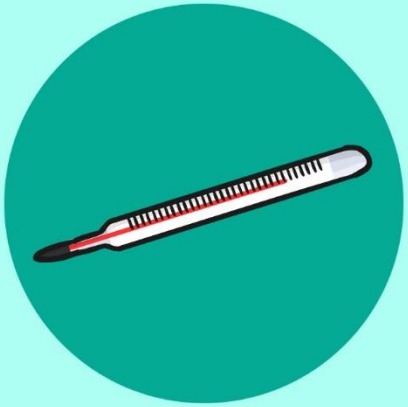
Reading and Comparing Scales

In the context of capacity, weight, length and temperature.



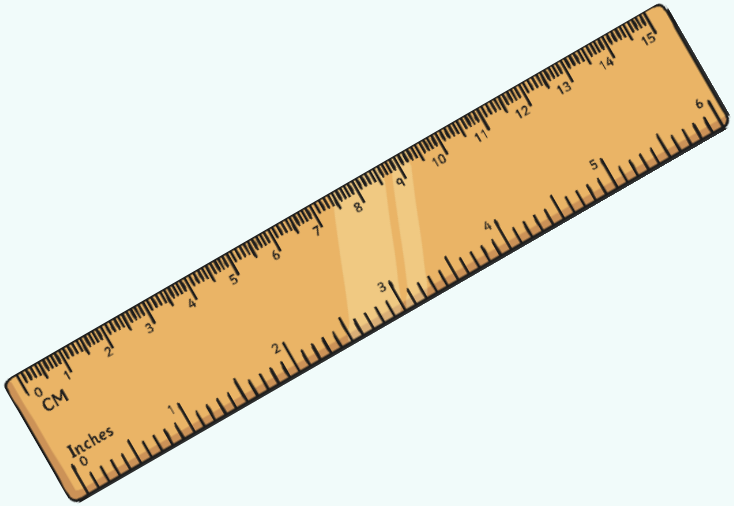


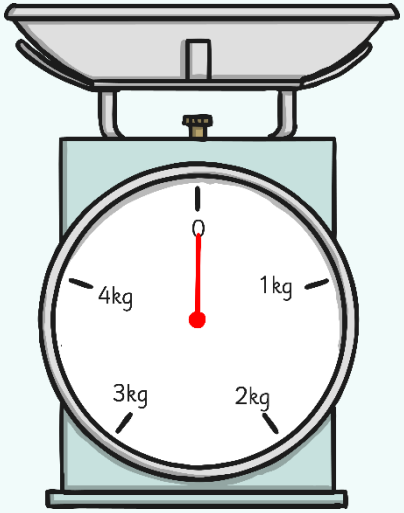
Scales

Where would you see a scale?

How many different places can you think of?

How many different types can you think of?





Did You Think of All These?

speedometer

measuring jug

weighing scale

30cm ruler

metre stick

thermometer

bathroom scale

flood measurement

Scales Can Be in a Straight Line

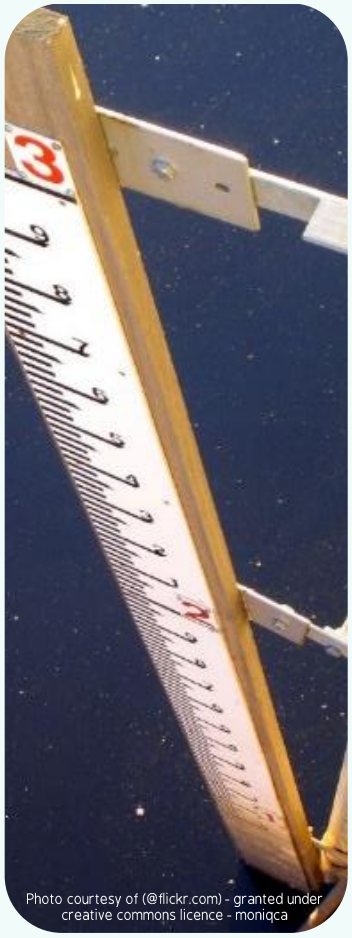


Photo courtesy of (@flickr.com) - granted under creative commons licence - moniqca

Photo courtesy of (@flickr.com) - granted under creative commons licence - ruthanddave

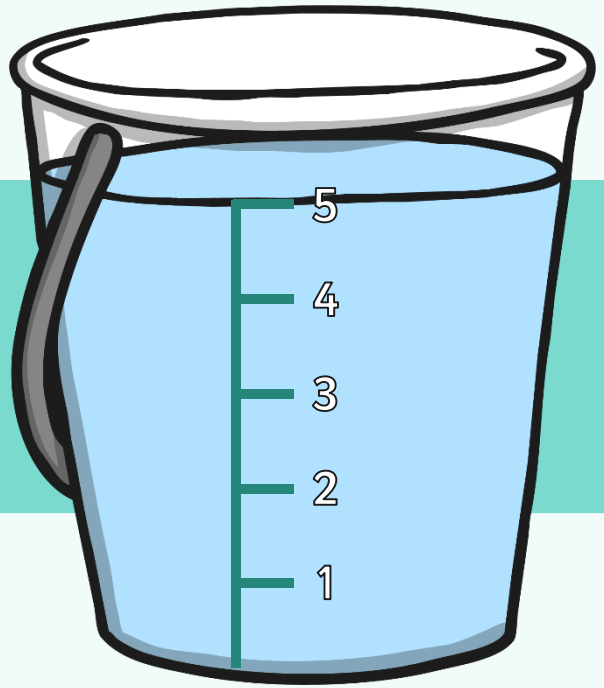
Photo courtesy of (@flickr.com) - granted under creative commons licence - wlscience


Photo courtesy of (@flickr.com) - granted under creative commons licence - iliahi

...or Circular

A circular scale is just like a number line that has been curved round.

Reading Scales

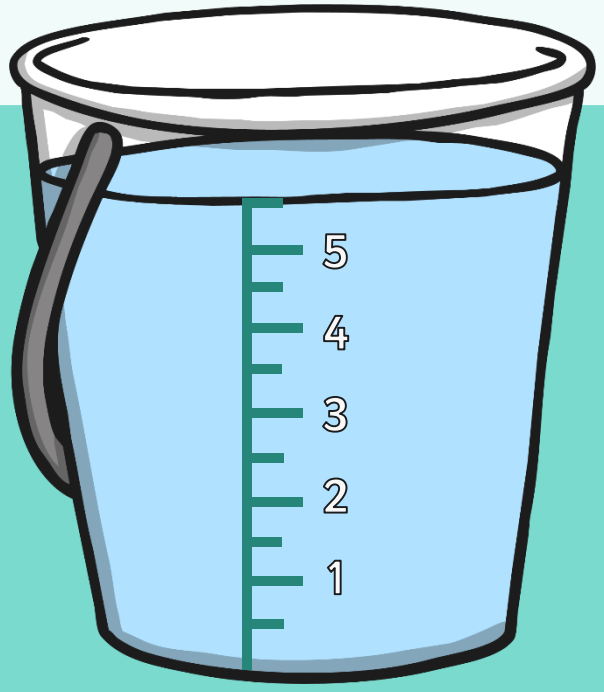


Find zero
Look at the numbers

Do the numbers go up in ones?

This one is straightforward because all the lines are numbered.
How much water is in the bucket?

Reading Scales



Find zero
Look at the numbers

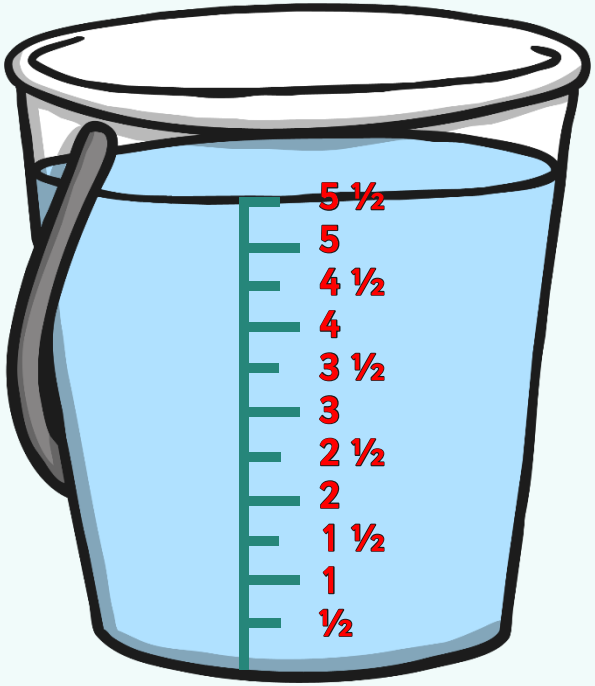
Do the numbers go up in ones?

Are there any extra lines between the numbers?

What do you think each extra line represents?

Test your theory by counting up the scale.

Reading Scales



The scale goes up in ½ litres, we have tested it by counting up.
How much water is in the bucket?

Keep Using The Tips...

Find zero

Look at the numbers – what do they go up in?

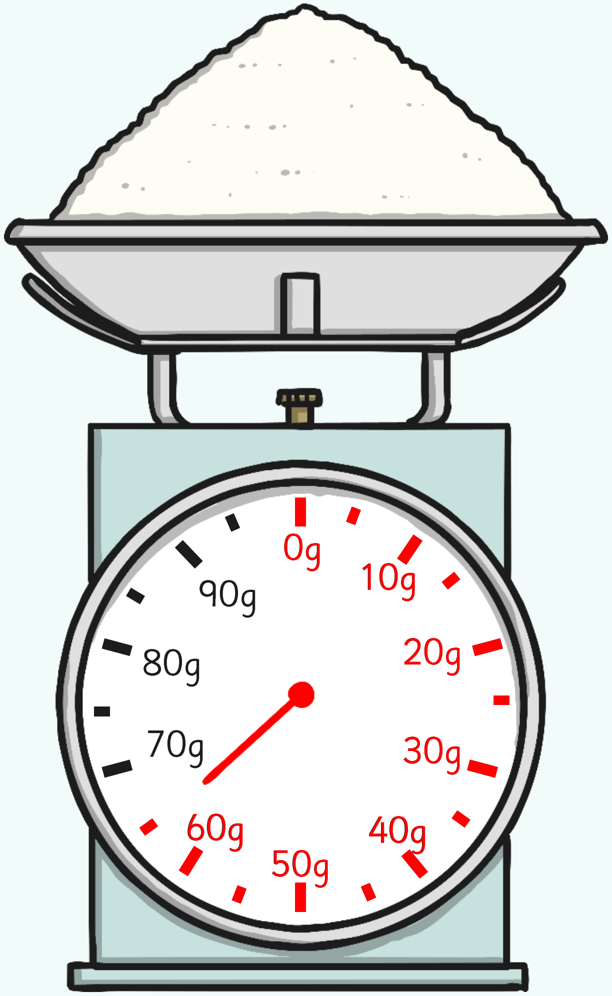
Are there any extra lines between the numbers?

What do you think they represent?

Test your theory by counting between the numbers.

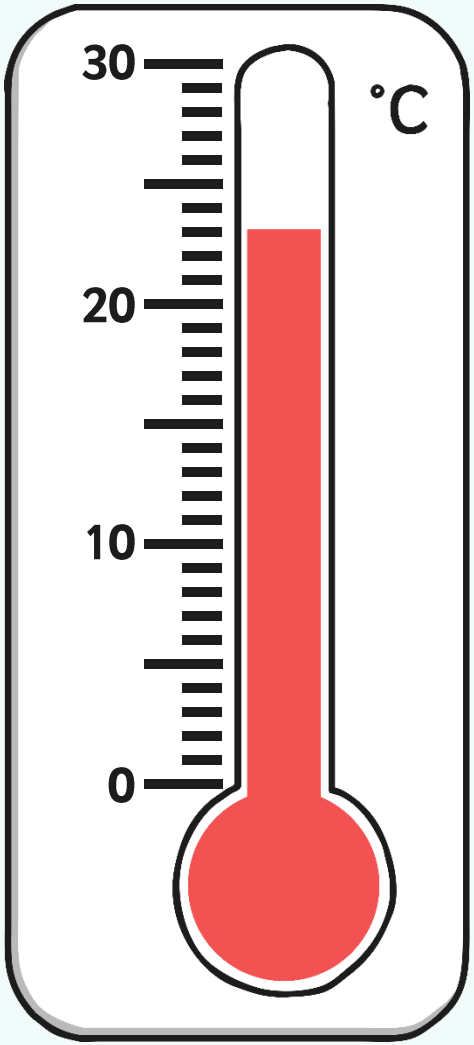
What Do You Think?

Test your theory by counting between the numbers.

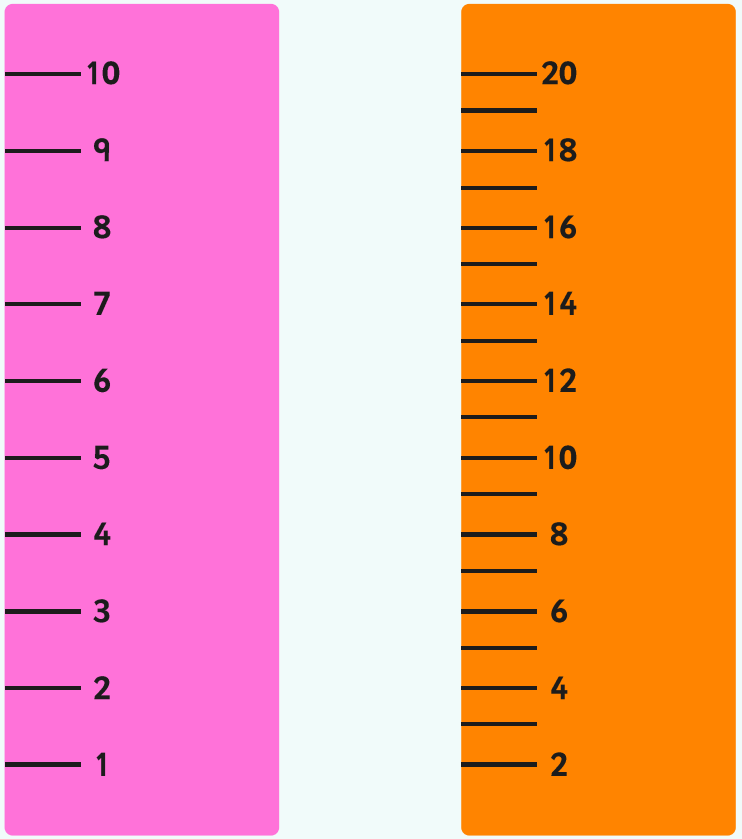


What About This One?

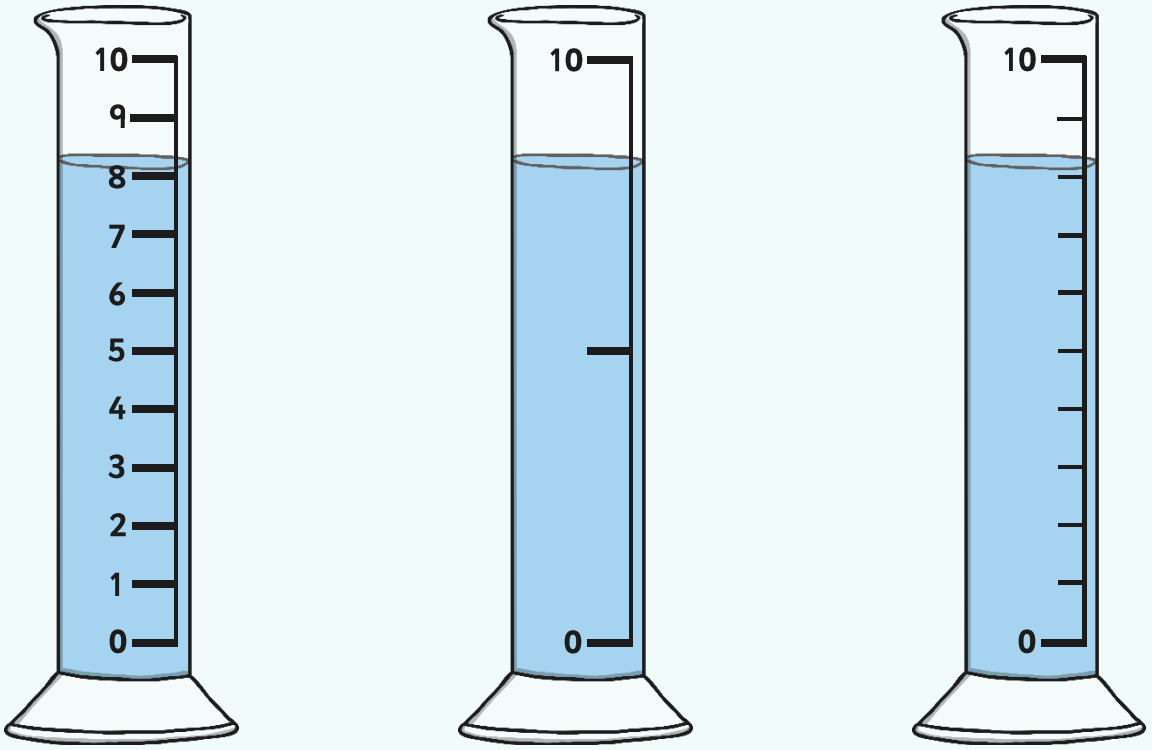
What is the temperature today?



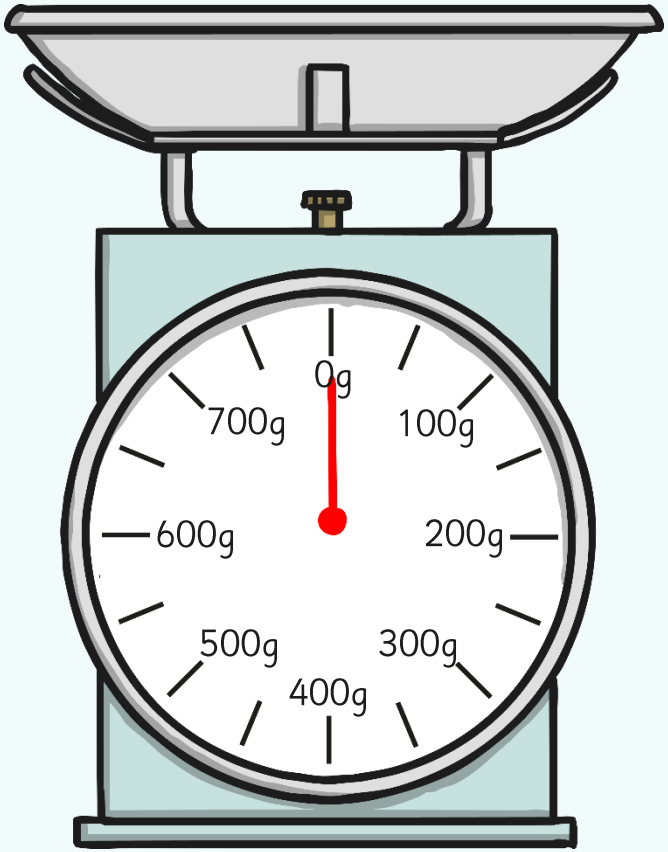
What Is the Same and What Is Different about These Scales?

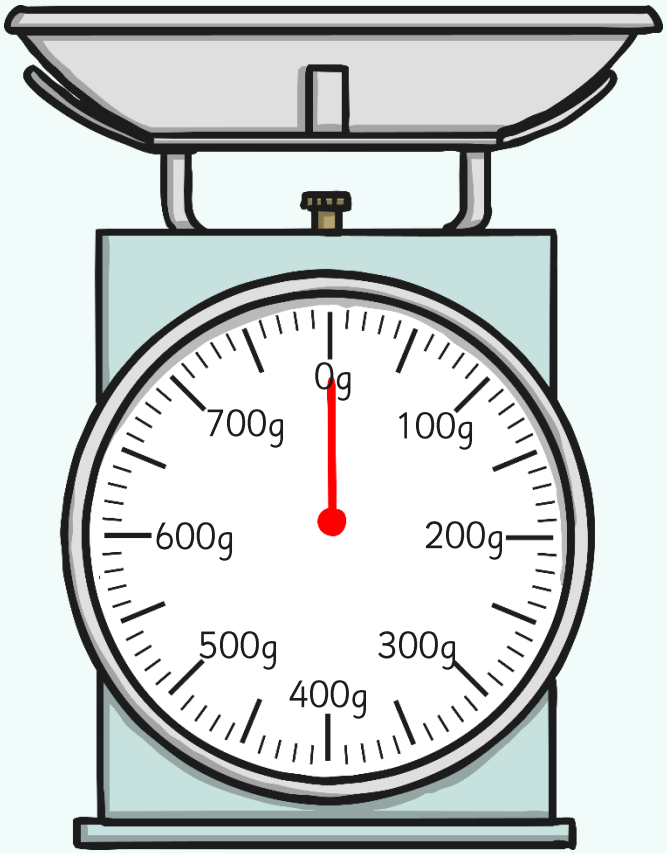


What Is the Same and What Is Different about These Scales?

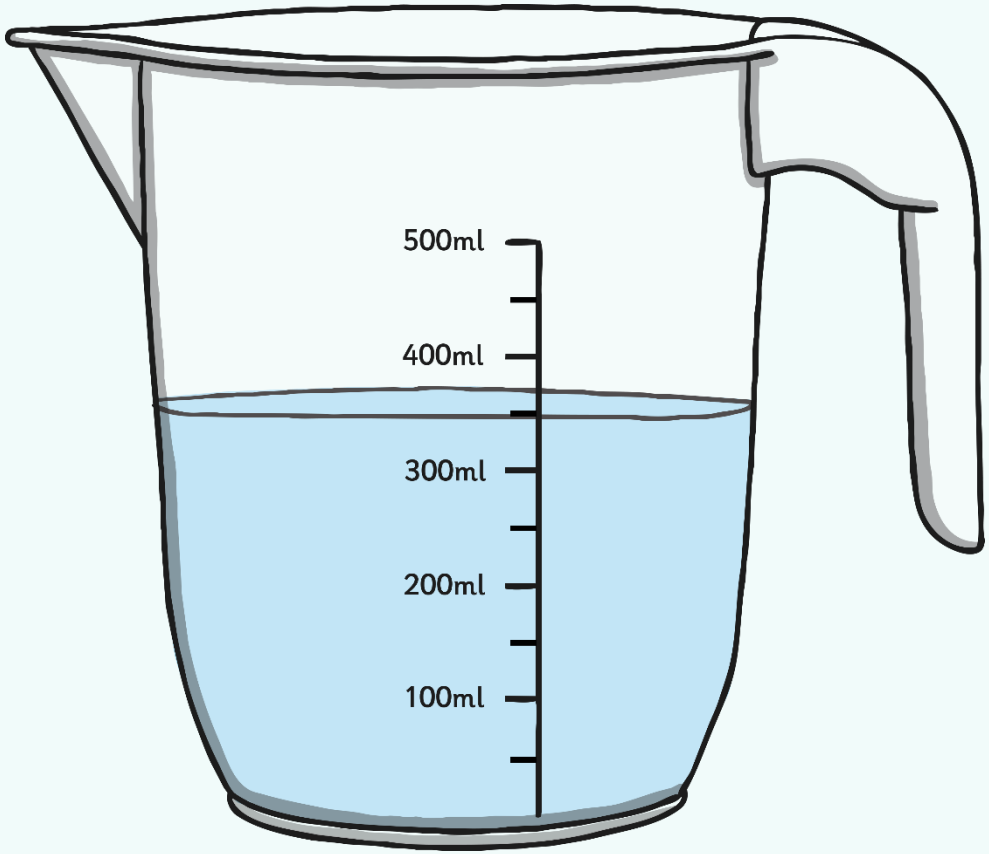


What Is the Same and What Is Different about These Scales?





Try These...



What About These?