

MEASURE MASS ACTIVITY



GET READY



1) What language is used to describe mass?

full and empty, long and short, heavy and light

2) Which item would you expect to have a greater mass?



or



3) Which units are used to measure mass?

Kilograms
and grams

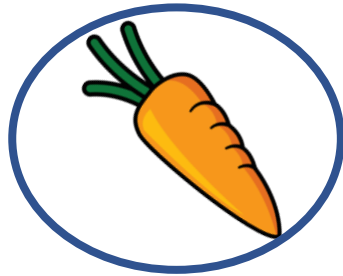
Litres and
millilitres

Metres and
centimetres

1) What language is used to describe mass?

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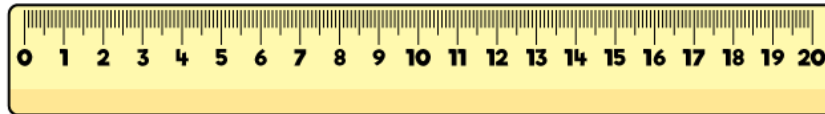
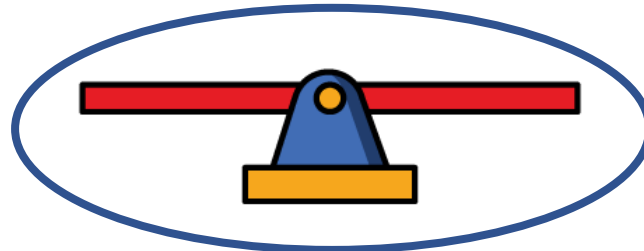
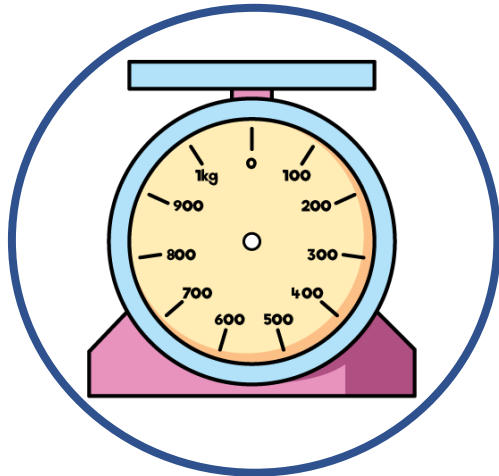
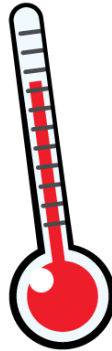
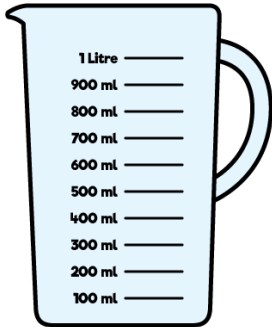
Litres and
millilitres

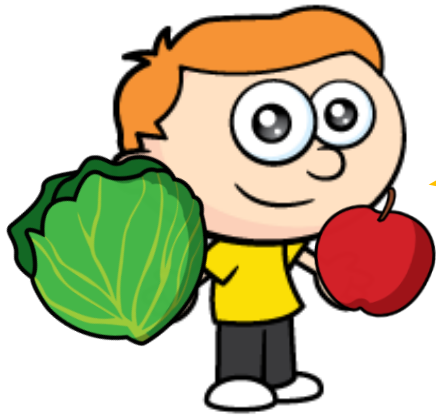
Metres and
centimetres

LET'S LEARN



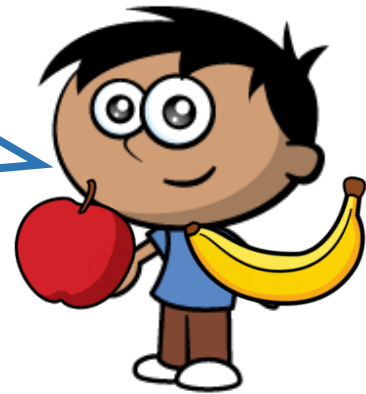
Which equipment do we use to measure mass?





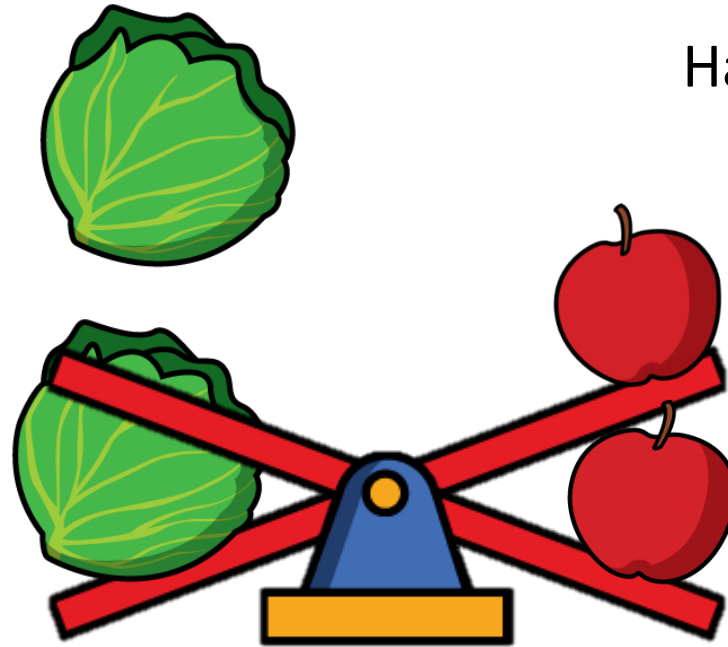
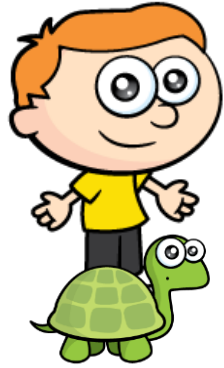
The cabbage feels heavier.

I can't tell which feels heavier.



Let's use the balance scales to check.



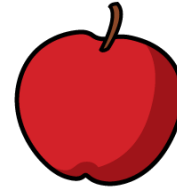


Have a think

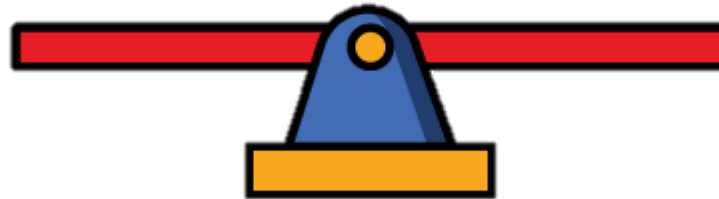


The cabbage is heavier than the apple.

The apple is lighter than the cabbage.



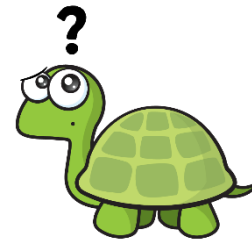
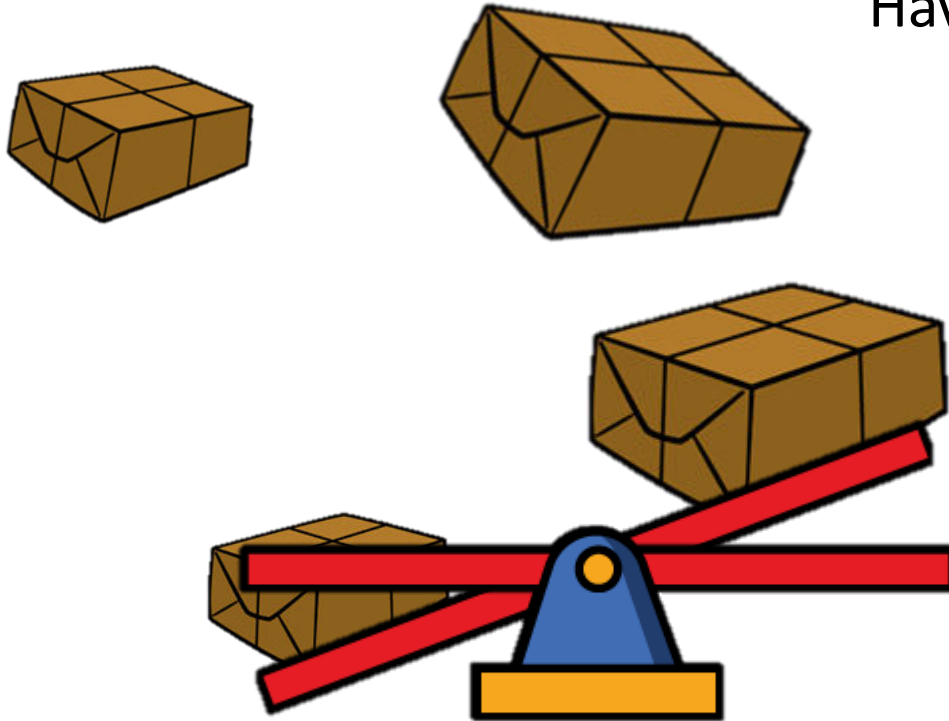
Have a think



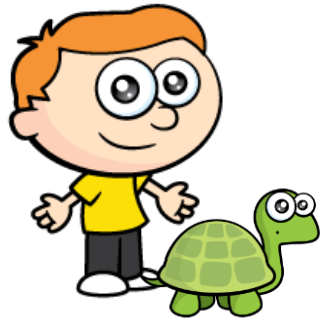
The banana has the same mass as the apple.

Which parcel is heavier?

Have a think



The small parcel is heavier.



Have a think



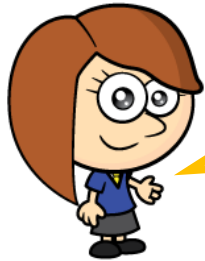
Find some objects to compare

Which do you think is heavier?



Can you use the balance scales to check?

Rosie and Dora are making cupcakes.
They need the same mass of eggs, sugar, butter
and flour.



I can use the eggs to
measure each ingredient.



Rosie and Dora are making cupcakes.
They need the same mass of eggs, flour, margarine
and sugar.



This is not the correct
amount of flour.

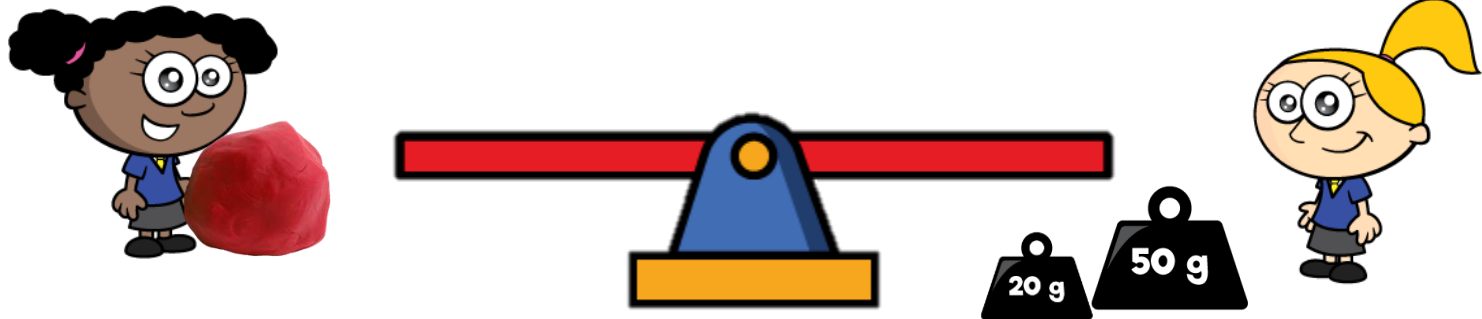


Have a think



Does Rosie need to add more flour or remove some?

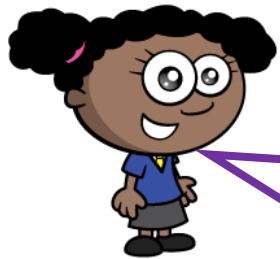
Whitney and Eva have a balance scale, a 50 g weight and a 20 g weight.



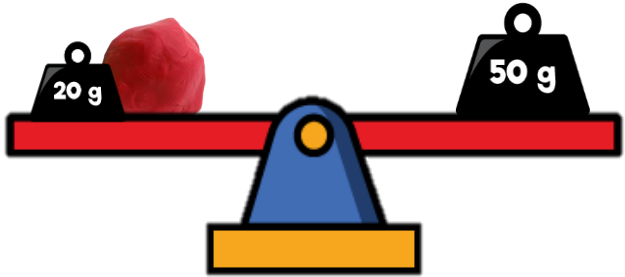
Have a think



They want to make a ball of playdough with a mass of exactly 30 g
Can you find more than one way to do this?



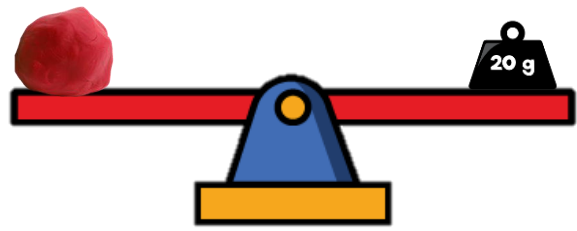
$20\text{ g} + 30\text{ g} = 50\text{ g}$
So the dough has a mass of 30 g



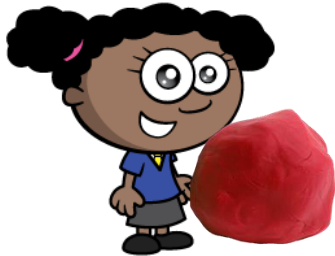
First I made 2
20 g balls.

I divided one
ball into 2 equal
10 g balls

Then I combined
a 10g and a 20 g
ball to make 30 g



What other masses of dough could you make using only these weights?



I wonder if you can make each multiple of 10 g up to 100 g...

