

Hello Sailboats!

The work for this week is below as always. Scroll down to find the work for each day.

Don't forget to have a look at the BBC Super Movers site for a chance to learn some Maths and exercise at the same time:

<https://www.bbc.co.uk/teach/supermovers/ks1-collection/zbr4scw>

Please keep going with your fantastic work on Mathletics as well.

Have a good week!

Lucy

Monday - 22/06/20

Mental Maths

Our Mental Maths this week will focus on place value. It has been quite a few weeks since we practised this, and it is important skill for you to be confident with this by the end of Year 1.

Firstly, let's remind ourselves how to count to 100 using the Singing Walrus song:

<https://www.youtube.com/watch?v=bGetqbqDVaA>.

After, complete these activity - say the number out loud before you write it down:

Use the 100 square grid to find what number comes between:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

55 and 57 _____

96 and 98 _____

68 and 70 _____

80 and 82 _____

71 and 73 _____

60 and 62 _____

82 and 84 _____

90 and 92 _____

LO: To measure weight.

Activity 1

Look at these pictures of balance scales:



What does it mean when the scales are **up**?



What does it mean when the scales are **down**?



What does it mean when the scales are **level**?

Fill in the gaps with one of these key words:

heavier

lighter

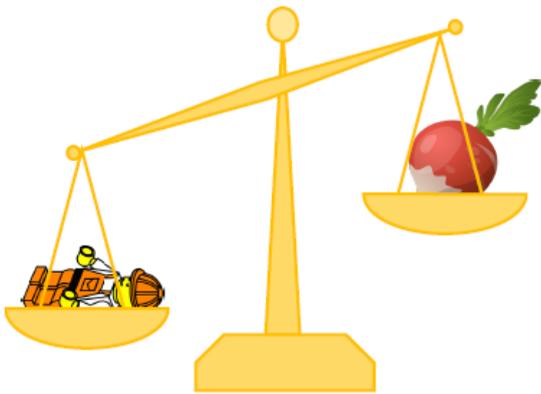
equal to



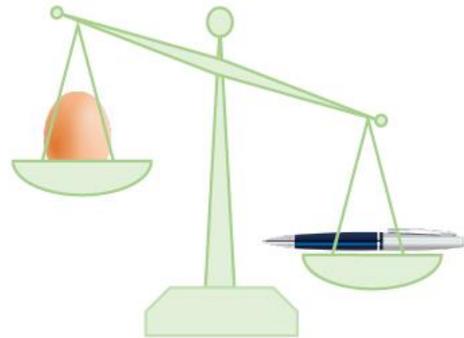
 is _____ than 



 is _____ the 



 is _____ than 



 is _____ than 



 is _____ than 



 is _____ the 

Have a look around your house and find some objects to compare. Draw the pictures in the boxes below and finish off the sentences using the same key words as in Activity 1.

is _____ than .

is _____ than .

is _____ than .

Activity 3

Anna is investigating the weights of a cherry and a banana:



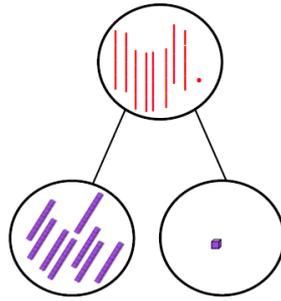
She thinks the cherry will go up because it is smaller. Is she correct? Explain your answer.

HINT: Think about your key words.

Tuesday - 23/06/20

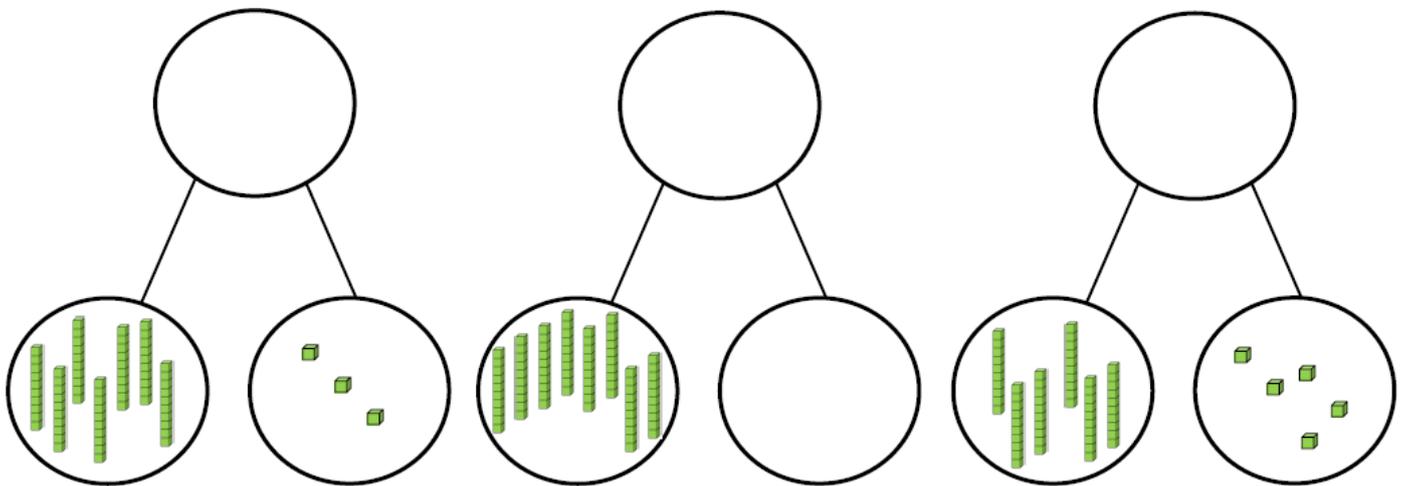
Mental Maths

Remember that two-digit numbers are made from tens and ones. Look at this part-whole model:



There are **8 tens** and **1 one**. The number is **81**.

Finish these part-whole models by drawing in the whole and writing underneath what number it represents:



The whole number is _____.

The whole number is _____.

The whole number is _____.

LO: To measure weight.

Activity 1

Look at these pictures:



1 strawberry weighs the same as 3 pencils
1 strawberry equals 3 pencils



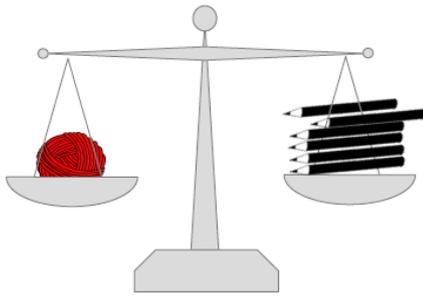
1 apple weighs the same as 5 cubes
1 apple equals 5 cubes

Complete the sentences. Use these words to help you:

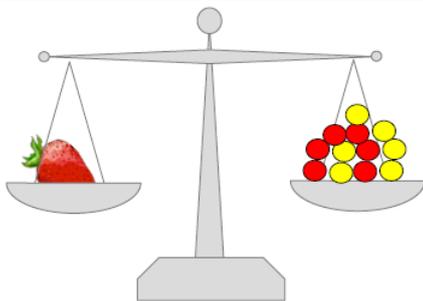
cubes

pencils

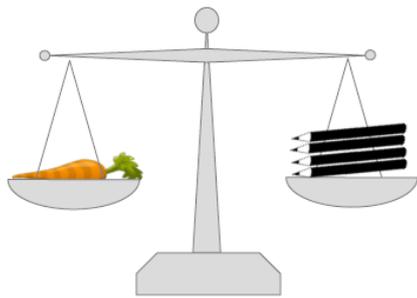
marbles



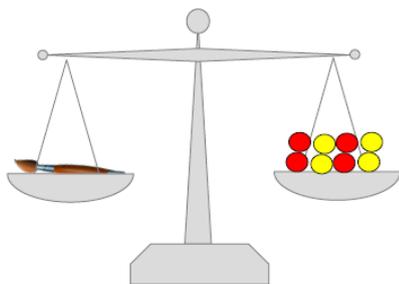
1 ball of wool equals _____.



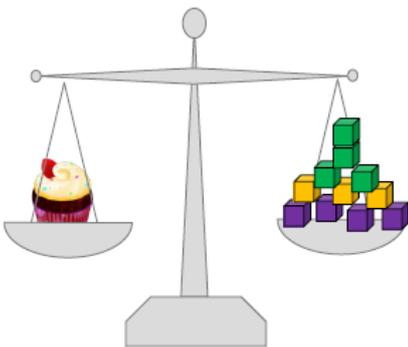
1 strawberry equals _____.



1 carrot equals _____.



1 _____ equals _____.



1 _____ equals _____.

Activity 2

Find 5 different objects around your home and weight them in your hands. Draw them in the boxes and decide whether you should measure it using counters, blocks or pencils. Explain your reasons to an adult.

If you have a set of scales at home, try it out and write down how much each object ways in counters, blocks, pencils or another non-standard unit of measurement (e.g. pasta, grains of rice etc.).



This object should be measured in _____.



This object should be measured in _____.



This object should be measured in _____.



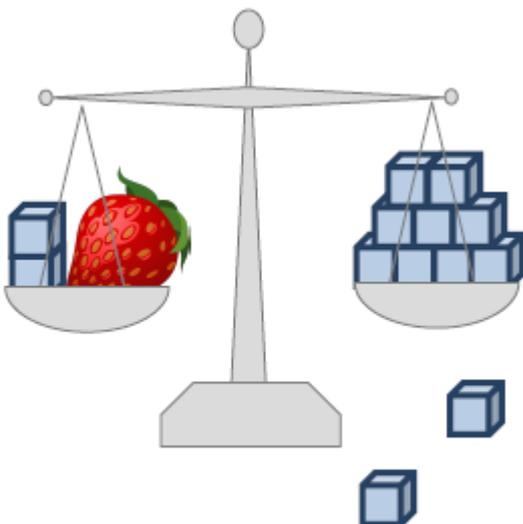
This object should be measured in _____.



This object should be measured in _____.

Activity 3

How much does this strawberry weigh?

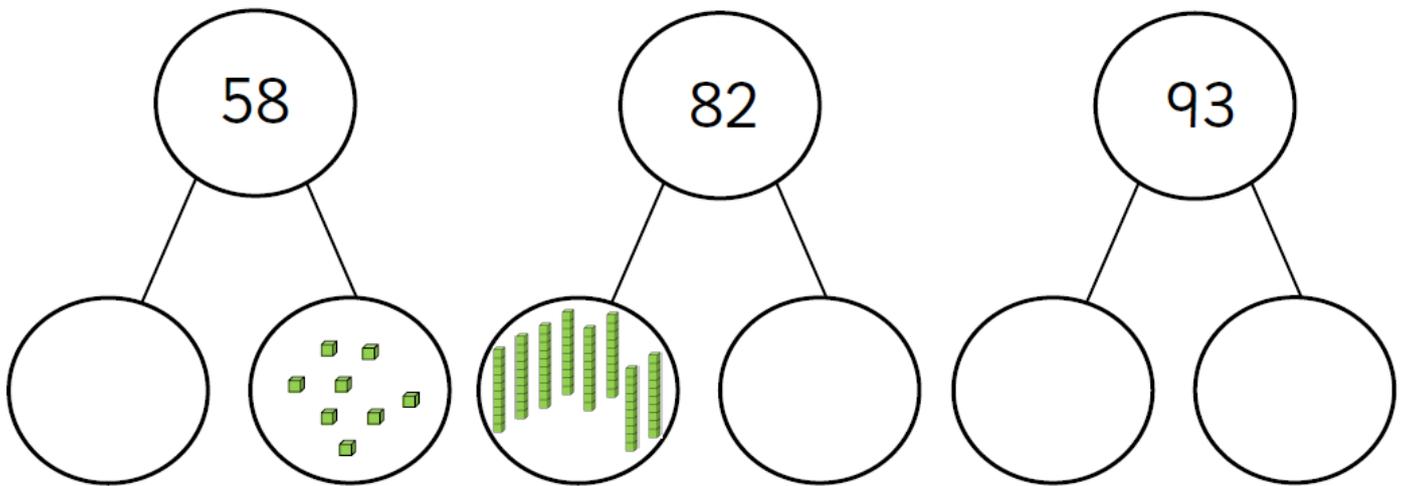


Explain how you know.

Wednesday - 24/06/20

Mental Maths

Here are some more part-whole models. Look at yesterday's work to remind yourself how they work. Can you fill in the missing parts?



LO: To measure weight.

Activity 1

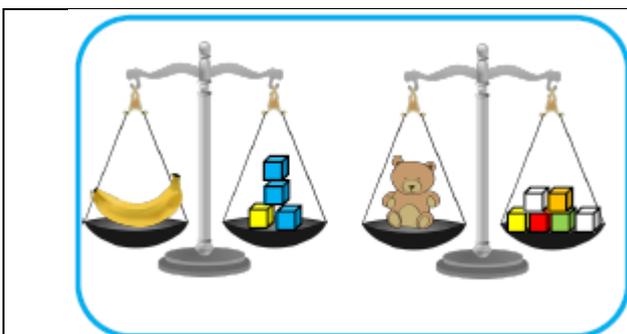
Look at these objects:



The bag is heavier than the car. I know this because the bag is equal to 3 cubes and the car is equal to 2 cubes.

Look at the pictures and finish the sentences - use these words to help you:

heavier lighter



The banana weighs _____ cubes.

The teddy weighs _____ cubes.

The banana is _____ than the teddy.

	<p>The phone weighs _____ cubes.</p> <p>The light bulb weighs _____ cubes.</p> <p>The phone is _____ than the light bulb.</p>
	<p>The ball weighs _____ cubes.</p> <p>The cookie weighs _____ cubes.</p> <p>The ball is _____ than the cookie.</p>
	<p>The lolly weighs _____ cubes.</p> <p>The cake weighs _____ cubes.</p> <p>The lolly is _____ than the cake.</p>

Activity 2

Have a look at these problems:



1. 1 ball weighs 4 cubes. How many cubes will balance one teddy bear?
2. What if 1 ball weighs 8 cubes? How many cubes will balance one teddy bear?
3. Finally, what if 1 ball weighs 20 cubes? How many cubes will balance 1 teddy bear?

Activity 3



True or False?

1)  and  weigh the same.

2)  is one cube heavier than .

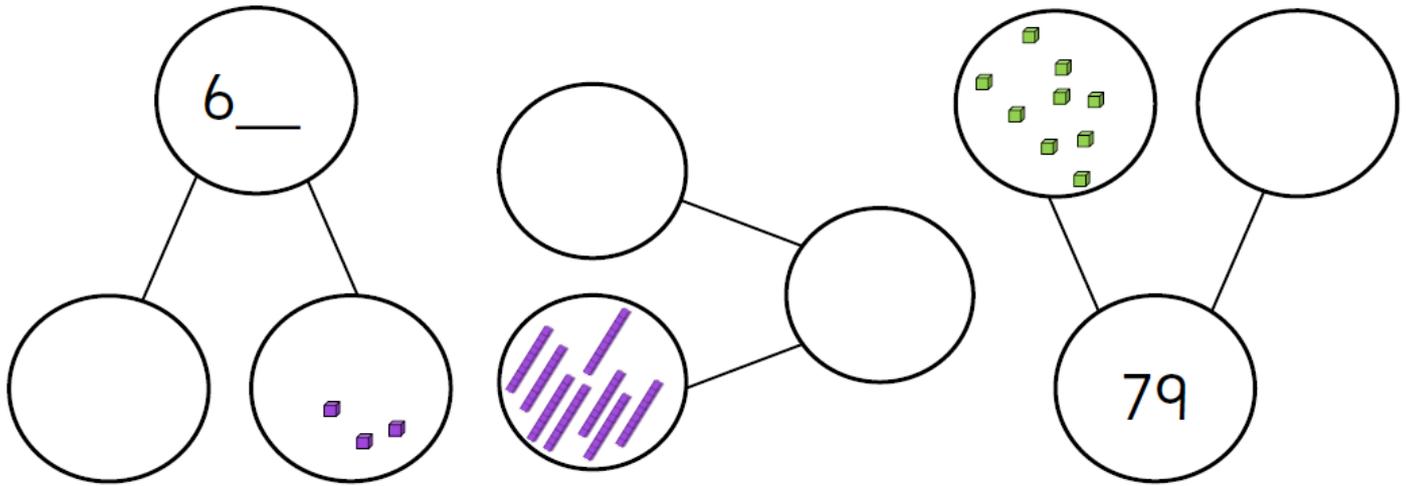
3)  is 1 cube lighter than .

Explain your answer.

Thursday - 25/06/20

Mental Maths

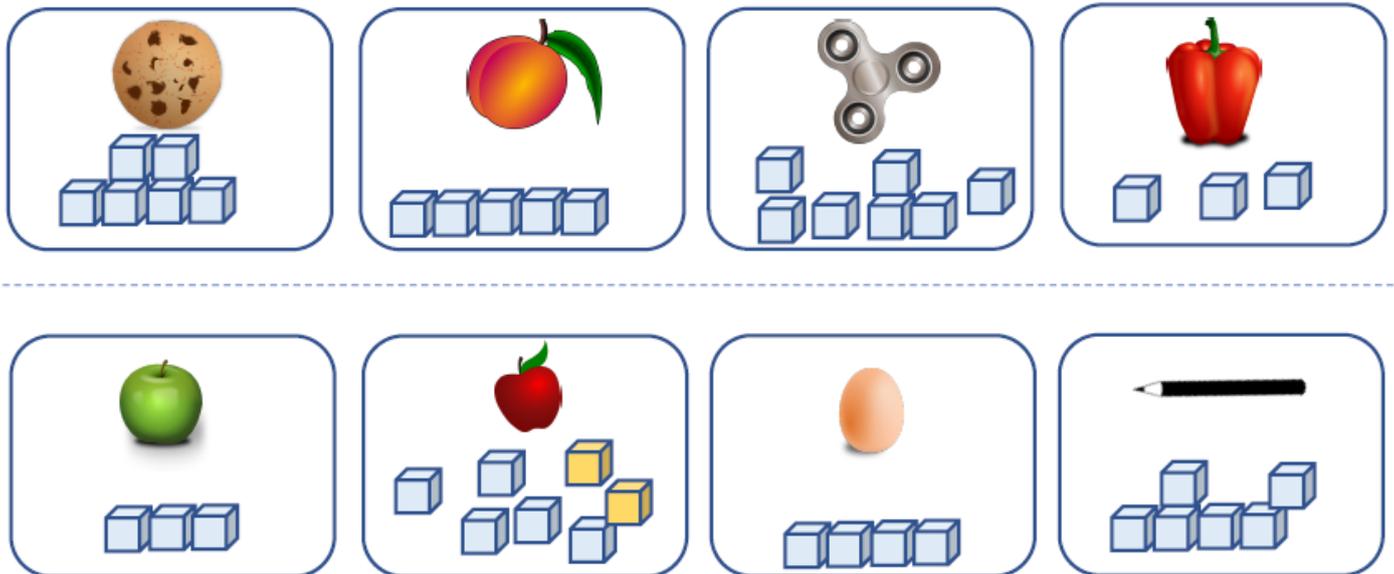
Complete these part-whole models:



LO: To compare weight.

Activity 1

Here are 4 groups of objects. Cut them out and order them from lightest to heaviest. If you do not have scissors and glue, number them from 1 to 4 or 5 with 1 being the lightest and 4 or 5 being the heaviest:





four cubes



one cube



seven cubes



eighteen cubes



thirteen cubes



fourteen cubes



nineteen cubes



three cubes



seven cubes



one cube

Activity 2

Find some objects around your home and order them from heaviest to to lightest. This is the opposite of Activity 1, so be careful!

Group 1

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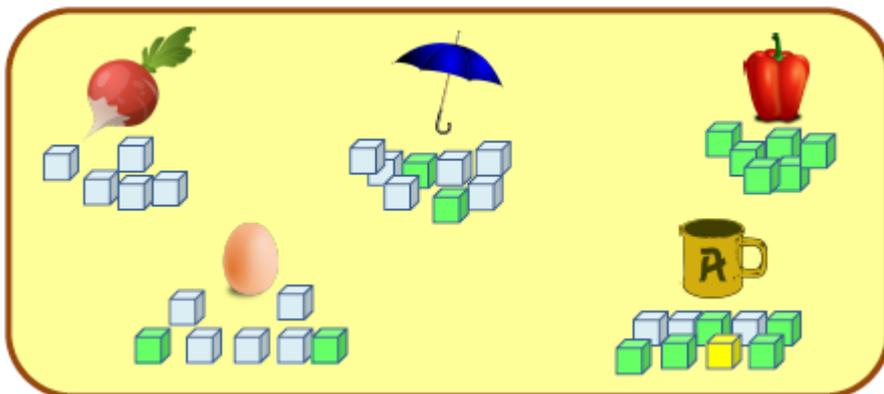
Group 2

--	--	--	--

Group 3

--	--	--	--	--

Activity 3



Lucy has been ordering these objects from heaviest to lightest. Look at her answer on the next page:



Has she ordered them correctly? Explain how you know.

Friday - 26/06/20

Mental Maths

Complete the sentences:

88 _____ has _____ tens and _____ ones.

93 _____ has _____ tens and _____ ones.

64 _____ has _____ tens and _____ ones.

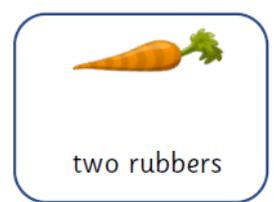
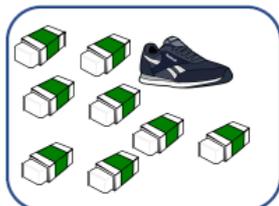
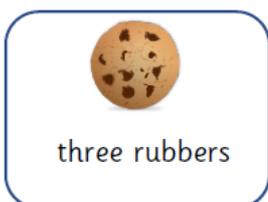
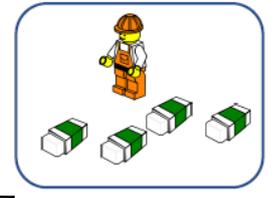
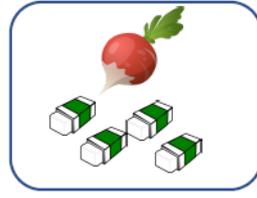
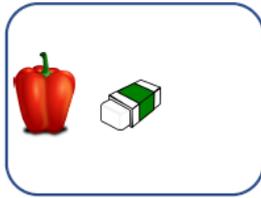
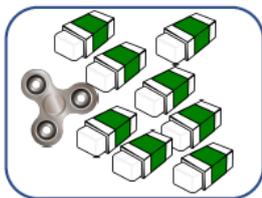
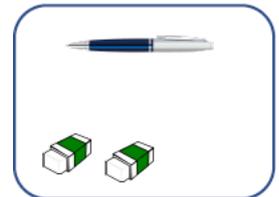
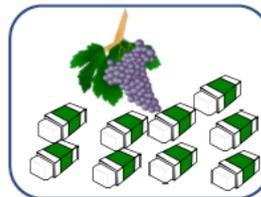
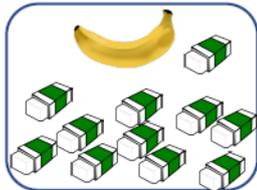
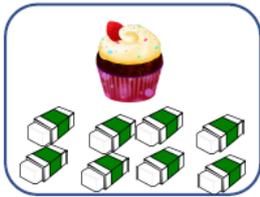
100 _____ has _____ hundred, _____ tens and _____ ones.

LO: To compare weight.

Activity 1

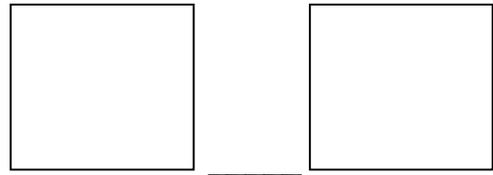
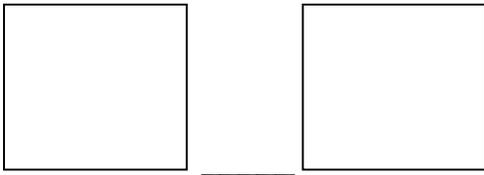
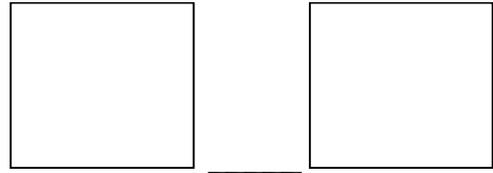
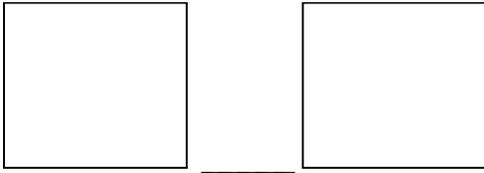
Use comparison signs to compare these different objects. They have been measured using rubbers:

< > =



Activity 2

Now find some pairs of objects from around your home and compare them using the arrows. If you can weigh them first by using non-standard-units such as rubbers, then please do. If you can't, just hold the objects to work it out.

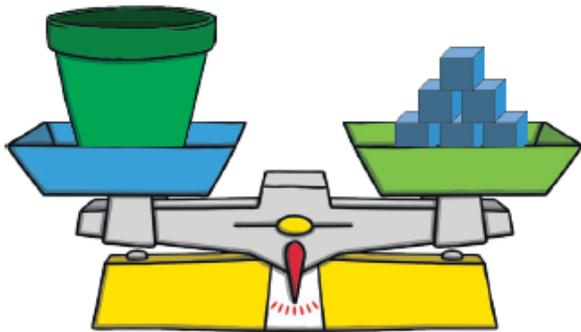
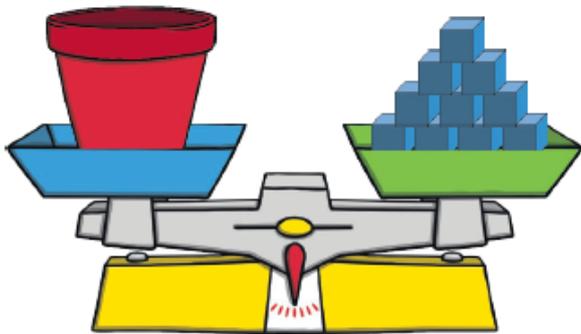


Are any of your objects the same weight? Why do you think it's trickier to find objects that are the same weight around your home?

Activity 3

Can you work out how heavy the pots are? Read through all of the clues first.

How heavy are these pots?



The red pot is _____ than the green pot.

4 cubes heavier than the red pot. 

Lighter than the green pot. 

Lighter than the red pot but heavier than the green pot. 

Write a clue about the yellow pot so that your friend can find how many cubes it weighs. 