

1. Watch the song about comparing mass <https://www.youtube.com/watch?v=-cjPAPFuGLM>
2. Read about how we compare the mass of objects.
3. Find objects at home and compare the mass of them, use the words **heavier** and **lighter** to describe them to an adult.
4. Compare the objects on each of the scales. Write a sentence like: The pencil **is lighter than** the shoe..

**Model:**

**The Elephant Mass Song**

1.



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

3.

Find pairs of objects around you to compare and work out which is the lighter of the two and which is the heavier.

Hold one object in each hand and stretch your arms out to the side, so you are standing like a balance scale. Now compare the weights of the objects and decide which is heavier.

Can you find two objects that feel equal to each other in weight?

2.

**How do we compare the mass of objects?**

When comparing the mass of objects, we use these words:

**heavier** and **heaviest**

**lighter** and **lightest**

We can say:

***The pencil is lighter than the shoe.***

***The shoe is heaviest.***



4.



Canonbury Home Learning  
Year 2/3 Maths

Lesson 1 – 15.06.2020

LO: To compare mass

Success Criteria:

1. Watch the song about comparing mass <https://www.youtube.com/watch?v=-cjPAPFuGLM>
2. Read about how we compare the mass of objects
3. **Task 1:** Use the greater than/less than and equals signs (crocodiles) to compare the objects on each of the scales.  
Write a sentence for each like: The pencil < the shoe
4. **Task 2:** Read the scales and use the greater than/less than and equals signs to compare the mass of each object.

**Model:**

**The Elephant Mass Song**

1.



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

2.

**How do we compare the mass of objects?**

When comparing the mass of objects, we use these words:

**heavier and heaviest**

**lighter and lightest**

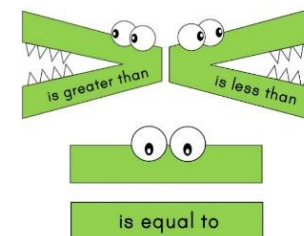
We can use the symbols for **more than** and **less than** to compare the mass of objects.

For example:

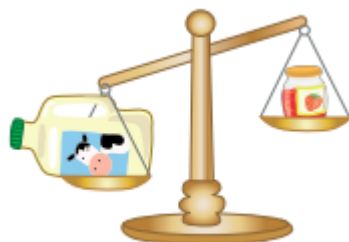
***The pencil < the shoe.***

This is the same as writing:

***The pencil is lighter than the shoe.***

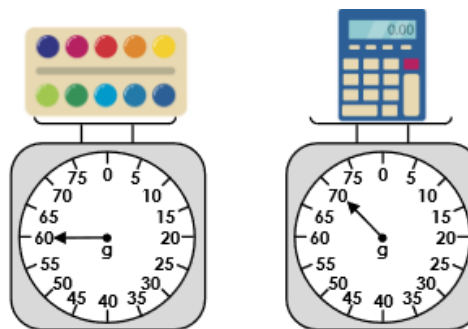


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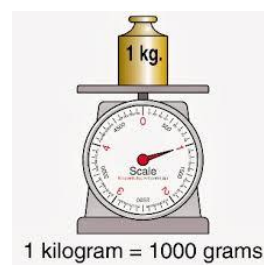


The milk > the jam

4.



The calculator > the paints



**Task 1**

**Practice**

1.



2.



3.



4.



5.



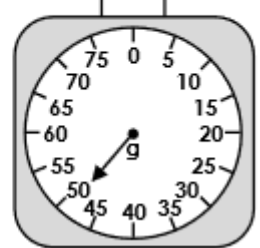
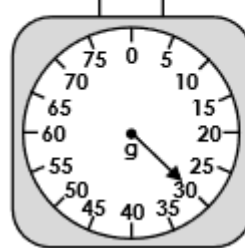
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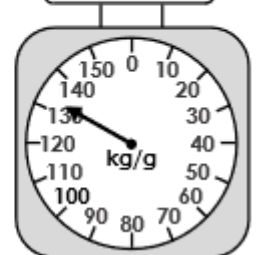
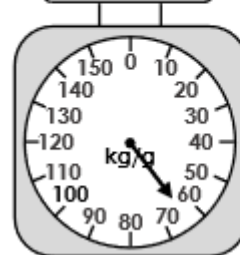
**Task 2**

**Practice**

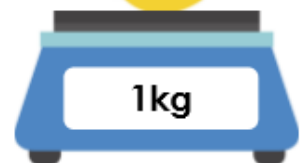
1.



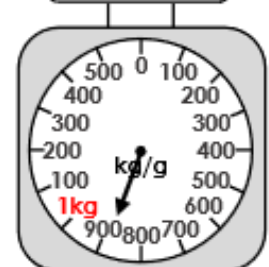
2.



3.



4.



### Task 3

#### Reasoning

Explain your answers.



6a. Simon looks at the fruit on the scales above. He writes,

The mass of two strawberries  $<$  the mass of the pear.



Is he correct? Explain your answer.



6b. Jenny looks at the fruit on the scales. She writes,

The mass of the tomatoes  $>$  the mass of the oranges.



Is she correct? Explain your answer.

7a. Jacob and his friend are comparing the weights of their schoolbags. Jacob says his is heavier.



Jacob

$5\frac{1}{2}$  kg



Maisie

5kg 500g

Is he correct? Explain your answer.

### Task 4

#### Problem solving



One pear weighs 10 cubes.  
How many cubes will balance one pineapple?  
Explain how you know.

2a. The carrots weigh more than the pen but less than the calculator. Their weight is a multiple of 10. What could the carrots weigh?



45g

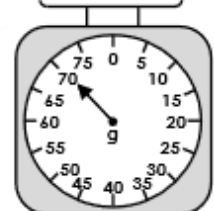
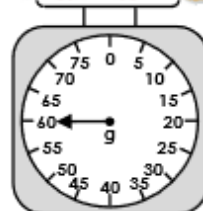


100g

Write down 3 possibilities.




6b. If a rubber weighs 10g each and a sharpener weighs 5g each, how much does one pair of scissors weigh?




## Further Challenge!

2. Use these clues to match the hamster, tortoise, rabbit and dog to the correct scales.



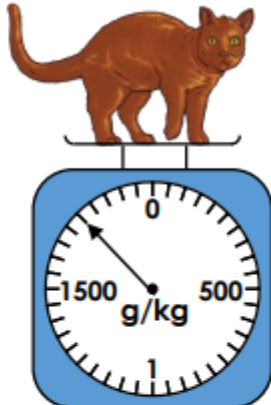
Abigail

The tortoise weighs more than two hamsters.




Levi

The hamster weighs 1kg 100g less than the cat.




1500 g/kg 500 1

The rabbit is the second lightest animal.

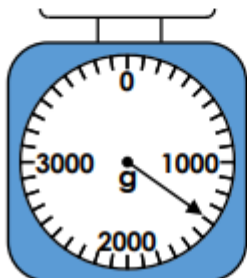


Aiden

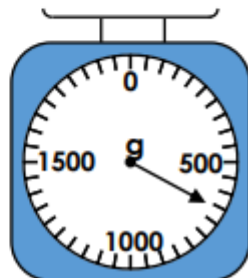
The dog weighs more than 1kg 625g but less than 2,385g.



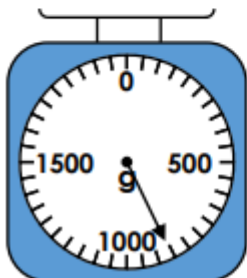
Layla



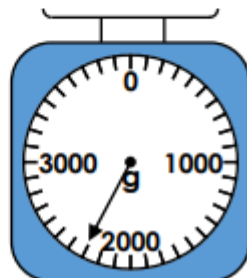
3000 g 1000 2000



1500 g 500 1000



1500 g 500 1000



3000 g 1000 2000