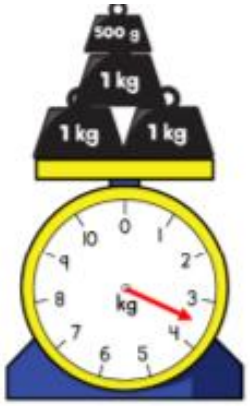
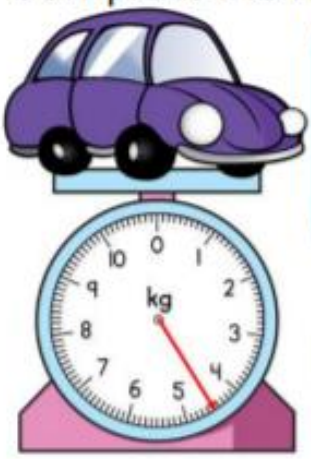
REASONING AND PROBLEM SOLVING QUESTIONS

- What weight is on the scales?

  How do the scales show this?

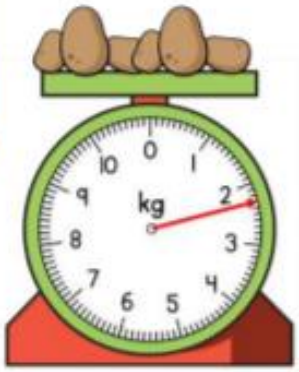


- Complete the missing information.



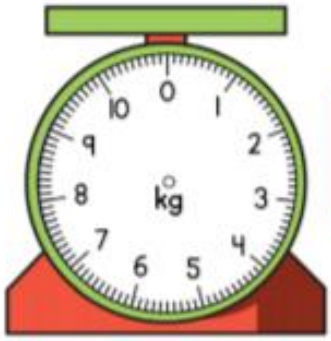
The toy car weighs 4 kg and _____ g

The potatoes weigh 2 kg and _____ g

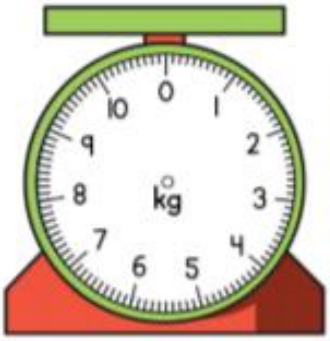


Use your own scales to measure how much objects weigh and record the mass in kg and g.

- Draw an arrow on the scales to show the mass of each object.



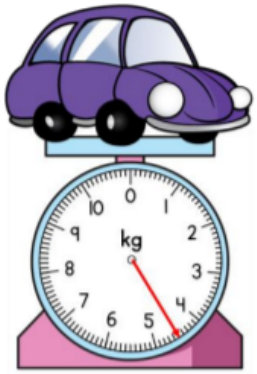
= 1 kg and 700 g



= 2 kg and 100 g

Tommy is weighing a toy car.

Use this to work out what the other children's cars weigh.



Alex

My car weighs 1 kg more than Mo's.

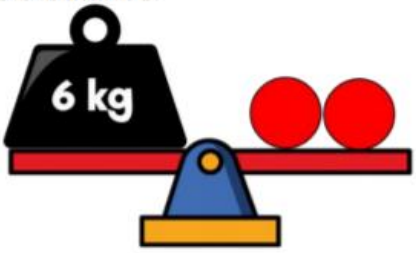
Mo

My car weighs 200 g less than Tommy's.

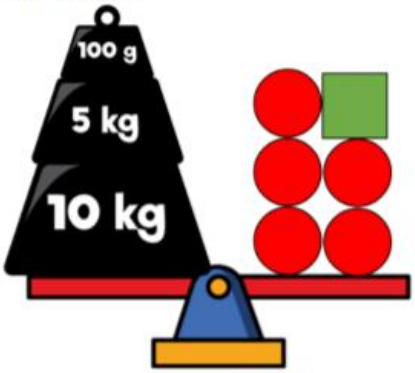
Dexter

My car weighs 1 kg and 300 g less than Alex's.

Here is a balance.



Here is another.



Work out the value of 

Can you create your own version for a partner?

Here are three masses.

20 kg and 600 g

20 kg

18 kg and 500 g

Match each mass to the correct child.

Dora

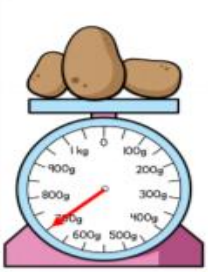
My mass weighs more than $\frac{1}{2}$ of 40 kg.

My mass is more than Eva's mass.

Mo

Eva

My mass weighs more than 18 kg but less than 20 kg.



Three children are weighing potatoes and flour.

Whitney

The potatoes weigh more because the arrow is further than the arrow on the flour scale.

The flour weighs less because 2 is less than 700

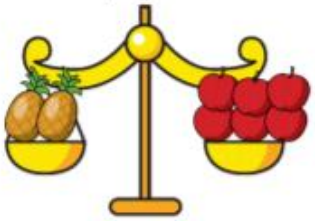
Amir

Alex

The flour weighs more because 2 kg is more than 700 g.

Who do you agree with?
Explain your answer.

Complete the sentences.

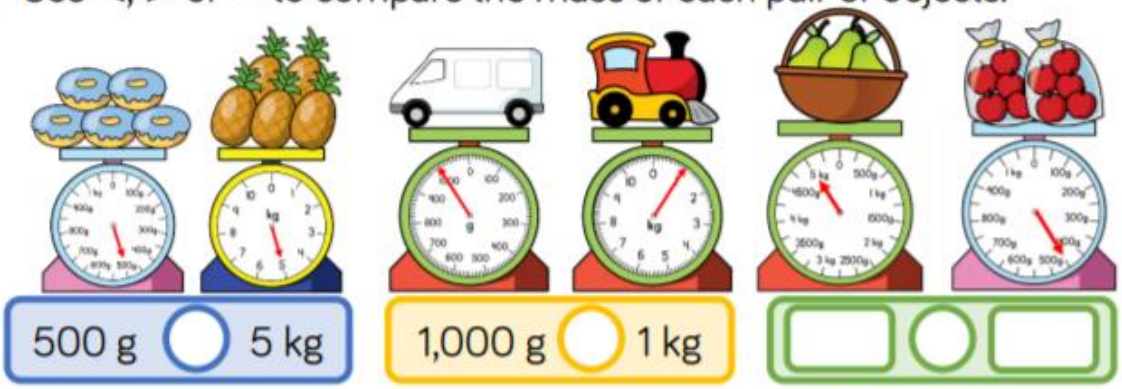


☐ pineapples are equal to ☐ apples.

1 pineapple is equal to ☐ apples.

Can you write sentences using 'heavier' or 'lighter' about the image?

Use <, > or = to compare the mass of each pair of objects.



A pack of tarts weighs 220 g.
Two cartons of orange juice weigh 140 g.
Draw an arrow to show the weight of the 3 items.