

RECALL (1) – COMPARING WEIGHTS

3 BEFORE ME



Complete the sentences using the words:
pear, peach or apple.

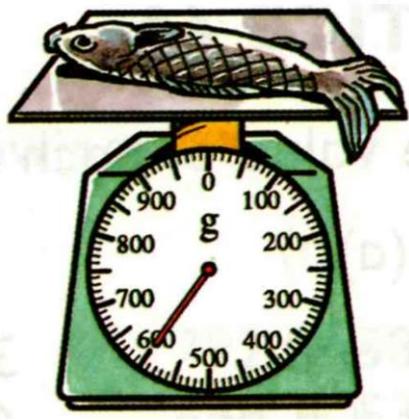
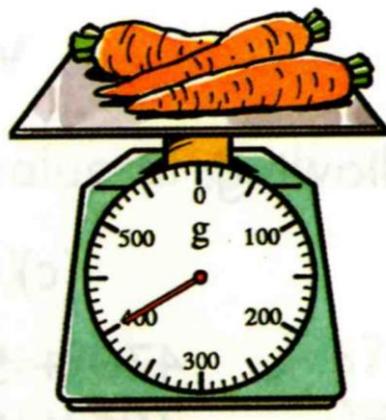


The _____ is heavier than the _____.
The _____ is lighter than the _____.
The _____ is heavier than the _____.
The _____ is lighter than the _____.

Complete the sentences with the words: heavier and lighter.



The football is _____ than the 1kg weight.
The 1kg weight is _____ than the football.



The carrots weigh ____ g. The fish weighs ____ g.

The _____ is lighter than the _____.
The _____ is heavier than the _____,

One of these items weighs
400g and the other
weighs 600g.

I know that the heaviest side goes _____.

The lightest side goes _____.



The apple weighs ____ g.
The cheeseburger weighs ____ g.

LO: I CAN COMPARE WEIGHTS (UP TO 1000G).

Page

Success Criteria

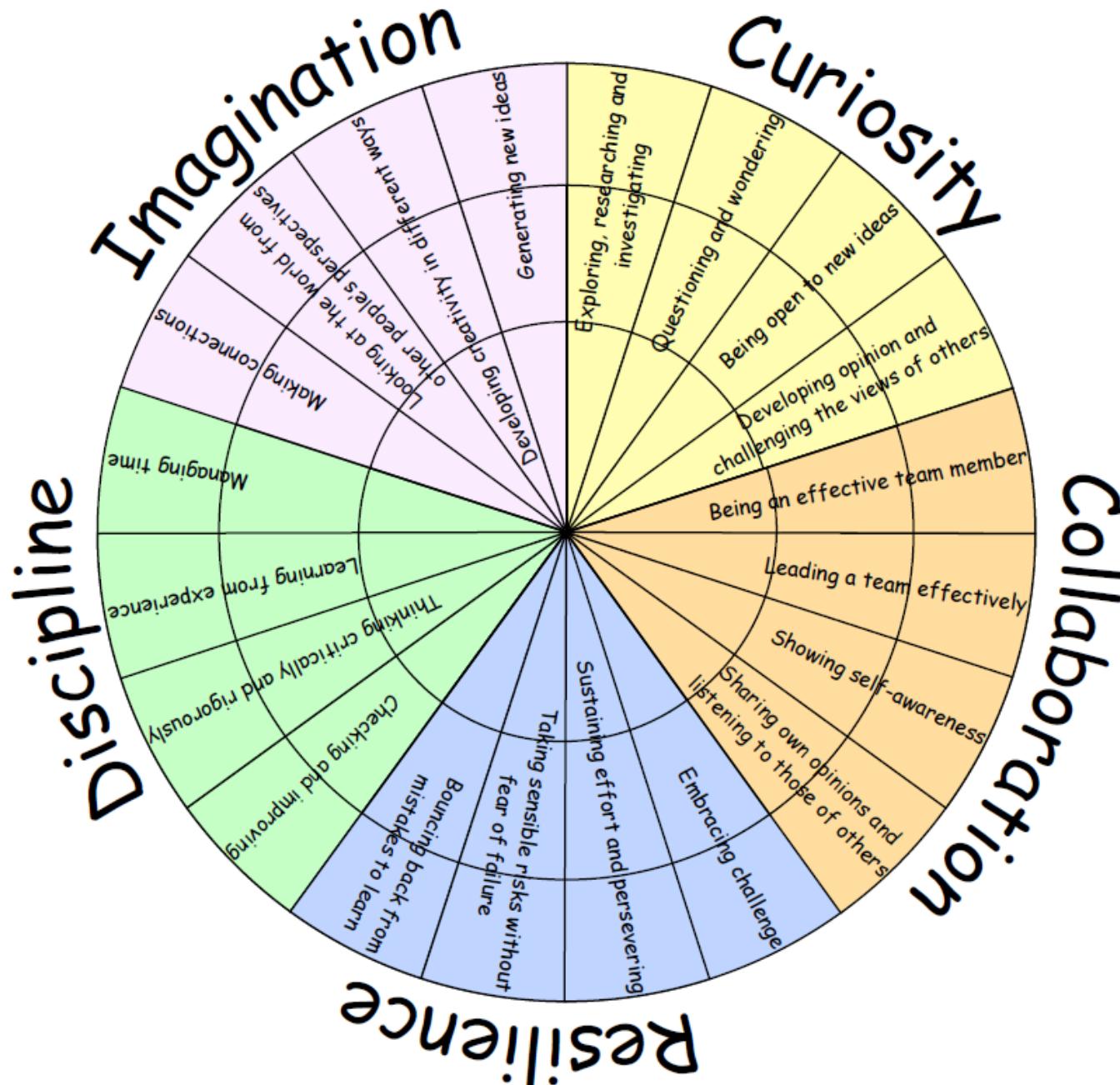
Some will even apply this to a range of problems.

Some will compare after calculating the weights.

Most will compare using symbols < > or = (given weights).

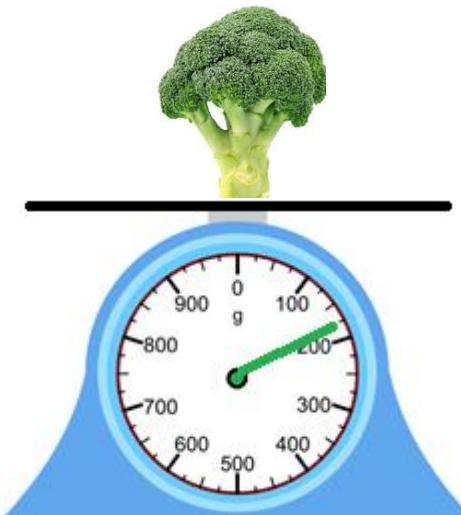
All will solve simple comparisons of weight.

LEARNING HABITS?

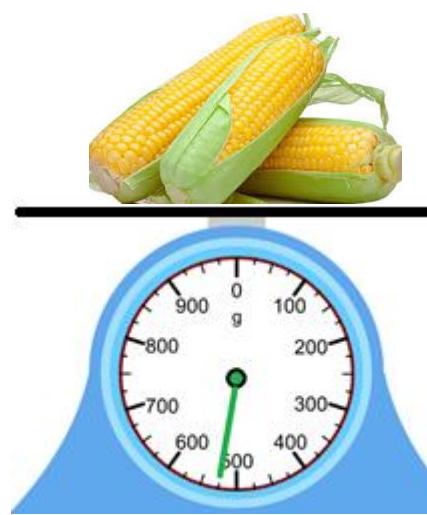


GUIDED PRACTICE

It is really useful to be able to compare weights of items.



(175g)



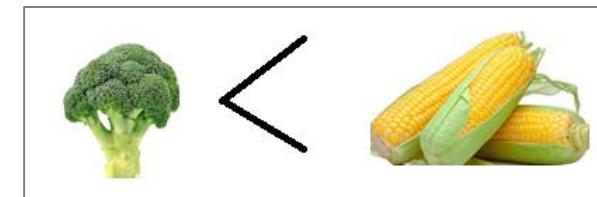
(525g)

The broccoli weighs 175g on the scales.

The sweetcorn weighs 525g on the scales.

The broccoli is lighter than the sweetcorn.

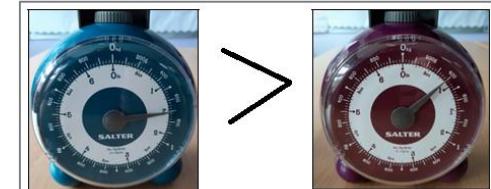
The sweetcorn is heavier than the broccoli.



The blue scale has a 500g weight and a 200g weight, equalling 700g.

The purple scale has a 200g weight and two 100g weights, equalling 400g.

The purple scale has the least weight. The blue scale has the most weight.



INTELLIGENT PRACTICE (1)

3 BEFORE ME



Circle the lightest object in each example.



- a)
- b)
- c)

Circle the heaviest object in each example.

- d)
- e)
- f)

Use the symbols < > or = to compare the weights.



(100g)

(200g)

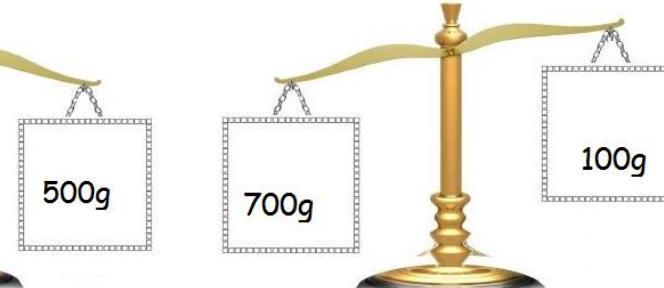


(200g)

Use the symbols < > or = to compare the weights.



300g



700g

100g

300g 500g

700g 100g

Use the symbols < > or = to compare the weights.



(400g)



(300g)

INTELLIGENT PRACTICE (2)



3 BEFORE ME



Box A



Box B



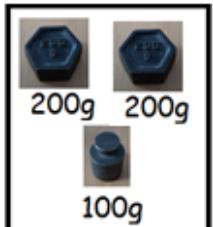
Box A weighs _____ grams.

Box B weighs _____ grams.

Box ___ is the heaviest.

Box ___ is the lightest.

Box C



Box D



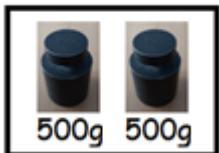
Box C weighs _____ grams.

Box D weighs _____ grams.

Box ___ is the heaviest.

Box ___ is the lightest.

Box E



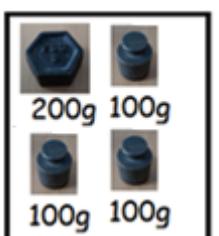
Box F



Box E weighs _____ grams.

Box F weighs _____ grams.

Box G



Box H



Box G weighs _____ grams.

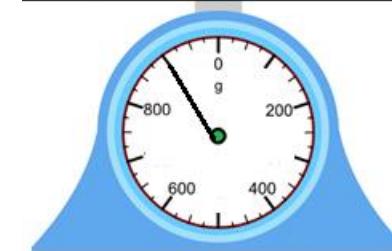
Box H weighs _____ grams.

Box ___ is the heaviest.

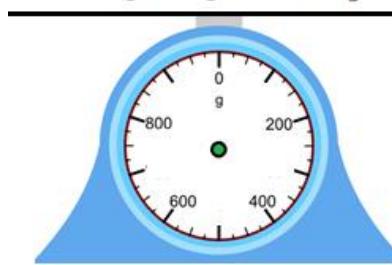
Box ___ is the lightest.

Draw your own scales in your maths book. Draw some weights on top. Total the weight and draw the dial hand pointing to the correct number.

Then compare. Here is my example.



$$500g + 200g + 100g + 100g = 900g.$$



$$200g + 200g + 200g + 100g = 700g.$$

$$700g > 900g \quad 900g < 700g$$

DIVE DEEPER 1

1

Compare the fruits.



800g



200g



300g



500g

Which is the lightest fruit? _____

Which is the heaviest fruit? _____

True or false?

- The banana is lighter than the grapes.
- The mango is heavier than the banana.
- The grapes are heavier than the pineapple.
- The mango is heavier than the grapes.

2

Look at the fruit in Question 1. Complete the comparisons using the symbols < > or =.



3

Compare the scales using the symbol < > or =.

a)



(400g)



(800g)

b)



(200g)



(600g)

c)



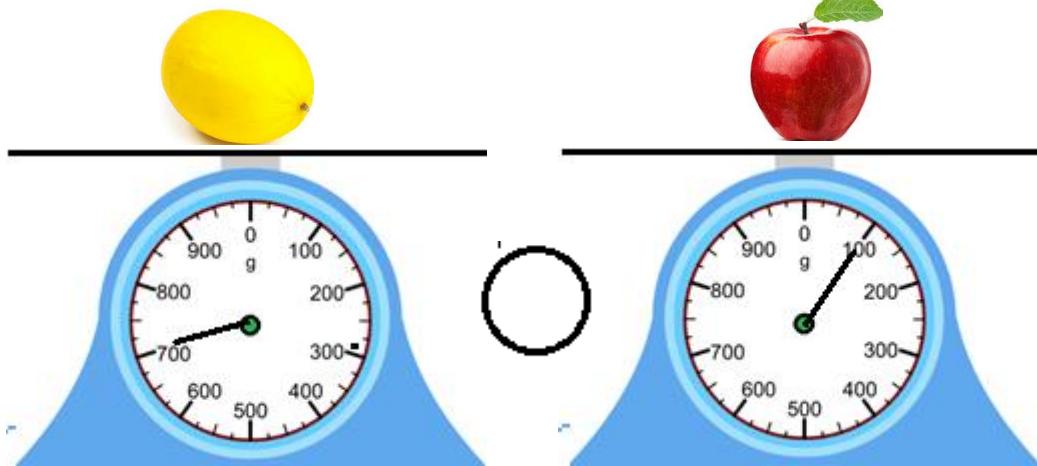
(900g)



(900g)

DIVE DEEPER 2

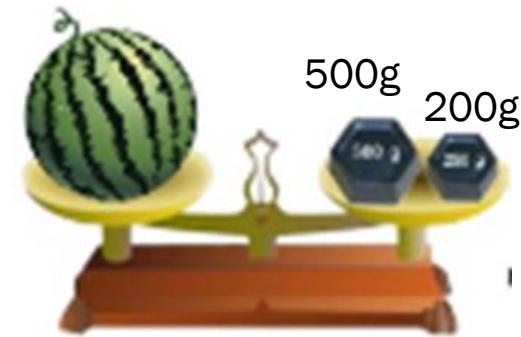
1 Compare these fruits.



How much does the melon weigh? ____ g

How much does the apple weigh? ____ g

3 These scales are perfectly balanced.

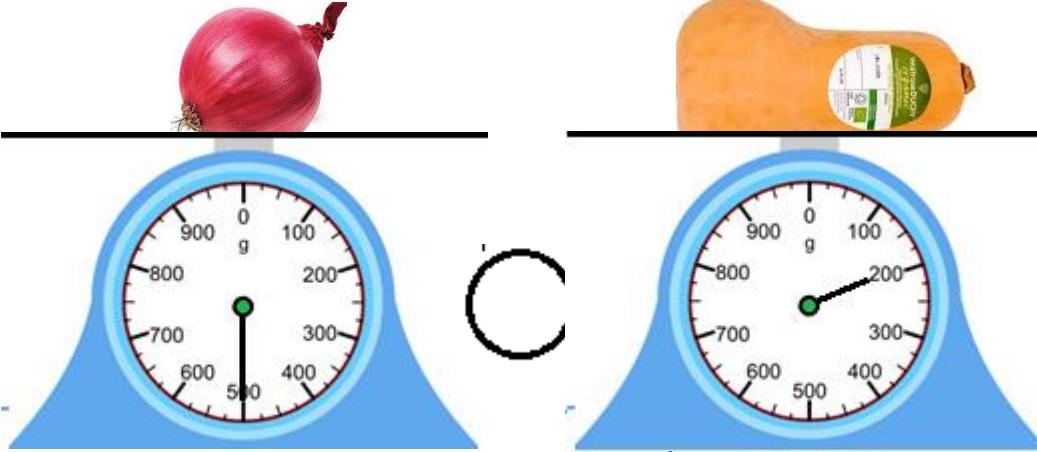


How much does the watermelon weigh?

Write the number sentence.

____ g + ____ g = ____ g

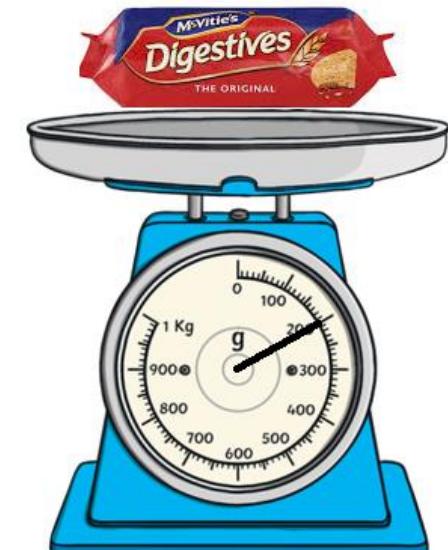
2 Compare these vegetables.



How much does the onion weigh? ____ g

How much does the butternut squash weigh? ____ g

4 How much do the biscuits weigh?



How many would two packets weigh?

DIVE DEEPER 3



1 One leek weighs 100g. There are 3.
One potato weighs 200g. There are 2.

Which pile of vegetables weighs the greatest?



The leeks are _____ than the potatoes.
The potatoes are _____ than the leeks.

2 One tomato weighs 100g. There are 4.
One broccoli weighs 250g. There are 2.

Alice thinks the tomatoes will weigh more as there are more of them. Is she right?



The tomatoes weigh _____ g altogether.
The broccoli weighs _____ g altogether.

The leeks are _____ than the potatoes.
The potatoes are _____ than the leeks.

Alice is correct/incorrect.

3 One banana weighs 200g.
One peach weighs 150g.
Which pile of fruits is the heaviest? Compare the piles using the symbols < > or =.

a)



_____ g



_____ g

b)



_____ g



_____ g

c)



_____ g



_____ g

Explain how you solved this in your maths book.

4

Look carefully at the scales.

A lemon weighs _____ g.

A strawberry weighs _____ g.

