
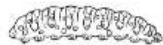
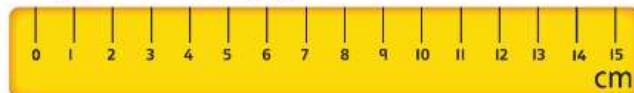


Monday 19th February 2024
WOW Day

Tuesday 20th February 2024



- 3 What is the difference in length between the  and the  ?



The difference in length is cm.

I think I need to do a subtraction for this question.

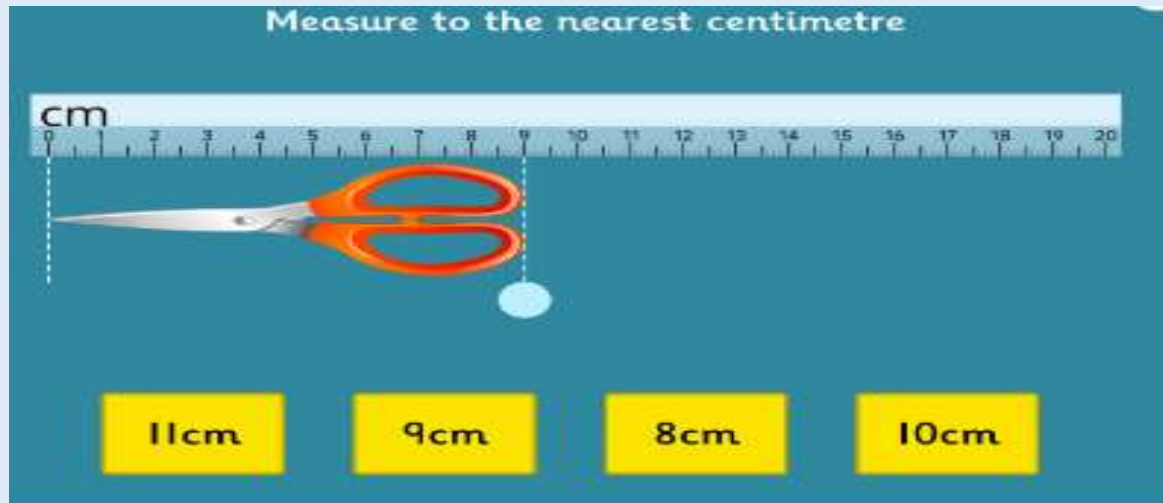


I am just going to count on.

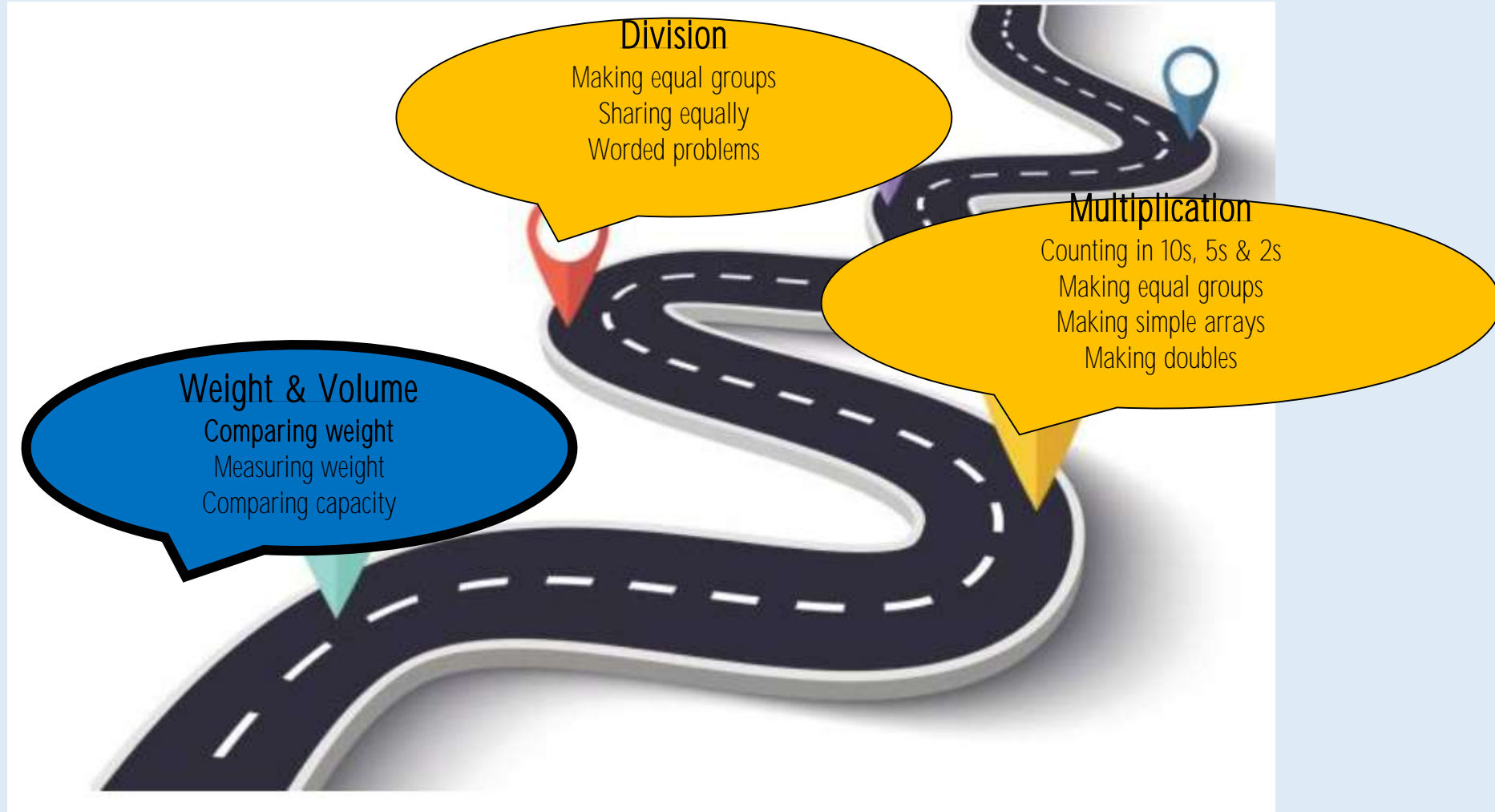


Let's recap our learning from last half term. Can we measure objects in centimetres?

<https://www.topmarks.co.uk/maths-games/measuring-in-cm>



Our Maths Learning Journey



Key vocabulary:
measure weight,
capacity, volume,
2s, 5s, 10s,
pattern, sequence,
counting, groups,
pair, unequal,
share,

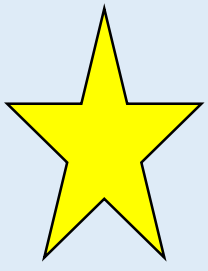


L.Q: Can I compare the weight of objects?

Steps to success



- I understand what weight is.
- I can use a scale to measure weight.
- I can compare the weight of objects using comparative language.



Star words



scale



compare



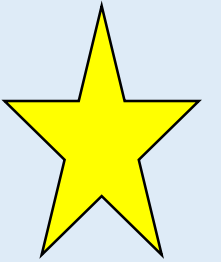
weight



heavy/ heavier



light/ lighter

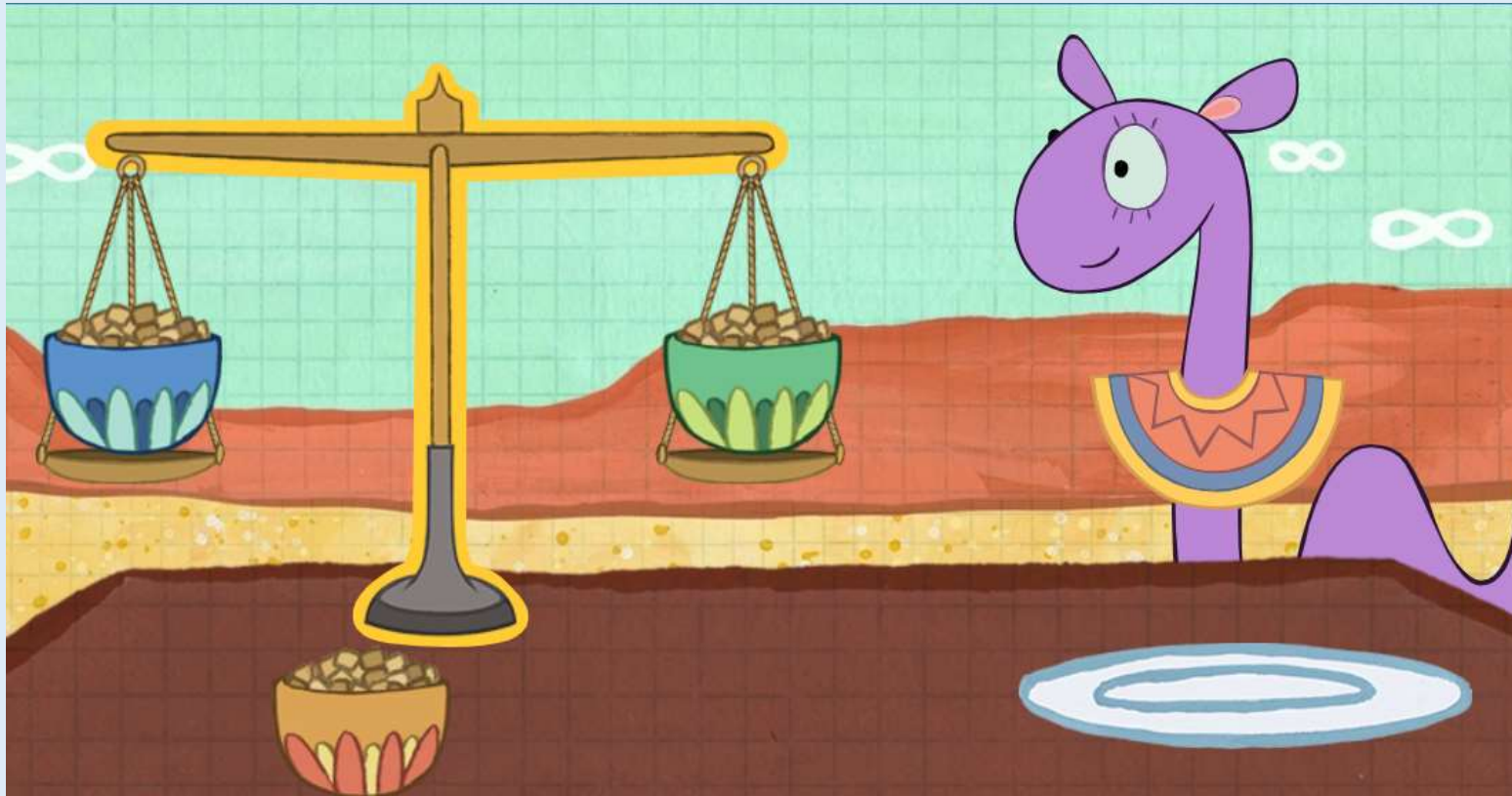


This week we are going to measure weight of objects in the classroom and compare them.

We measure weight to check how heavy or light something is. When we compare weight, we use balance scales.



<https://pbskids.org/peg/games/happy-camel/>

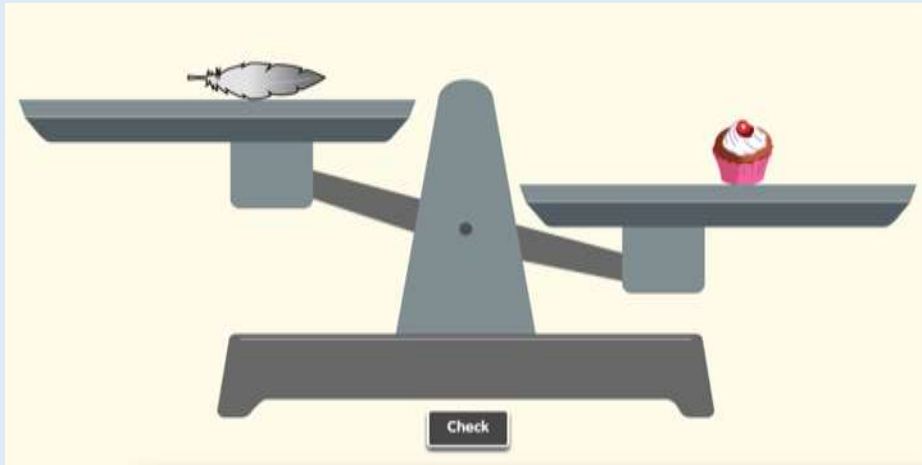




TPs- Which item will be **heavier**? The green balloon or the purple marble?
TPs- How can we find out?

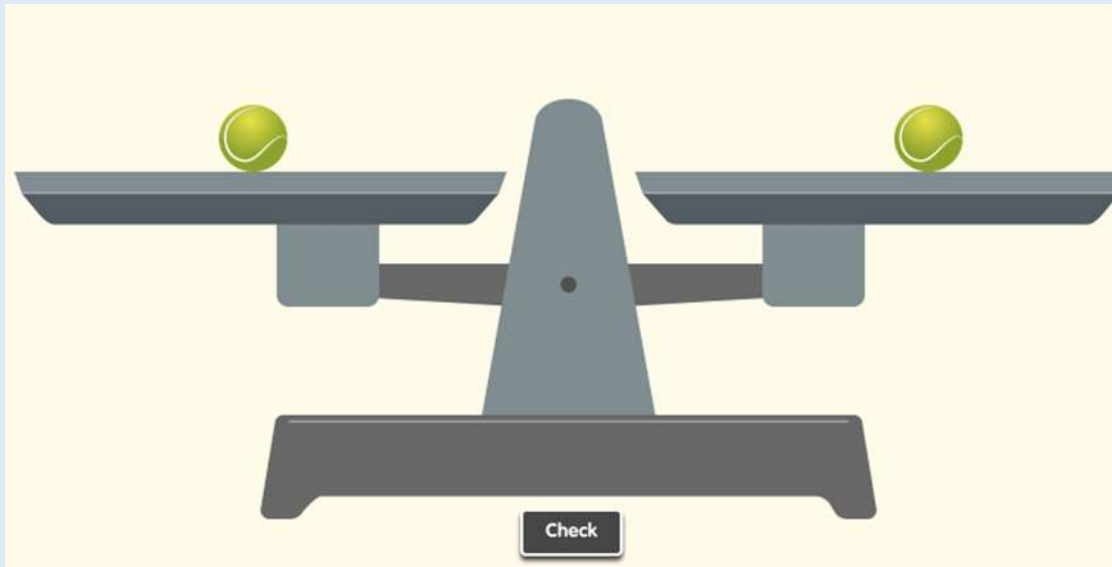


Even though the balloon is bigger than the marble, it is lighter than the small marble. The size of an object does not always determine the **weight** of an object.



The feather is lighter than the cupcake.

The cupcake is heavier than the feather.



TPs- How would you **compare** the weight of the tennis balls?

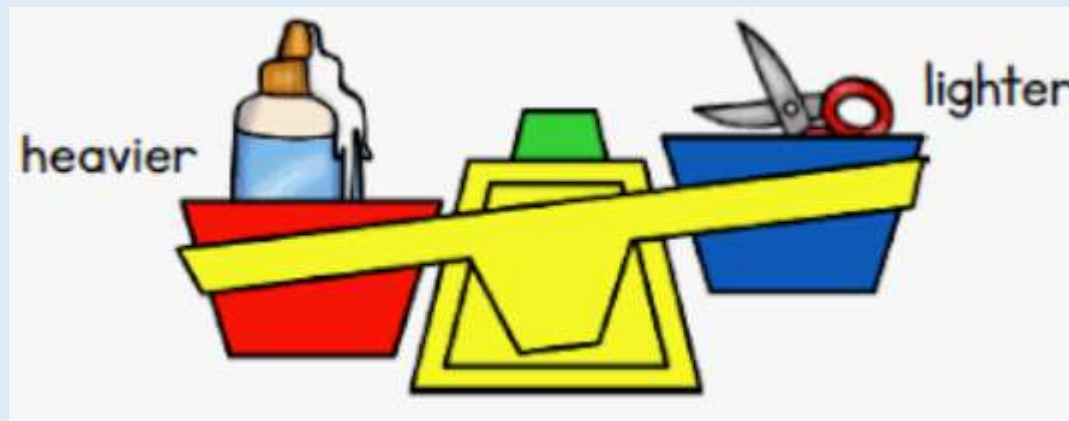
Self assessment

Do you understand how to compare weight?



Your task

Work in groups to **measure** and **compare** the **weight** of objects in the classroom, using **scales**.



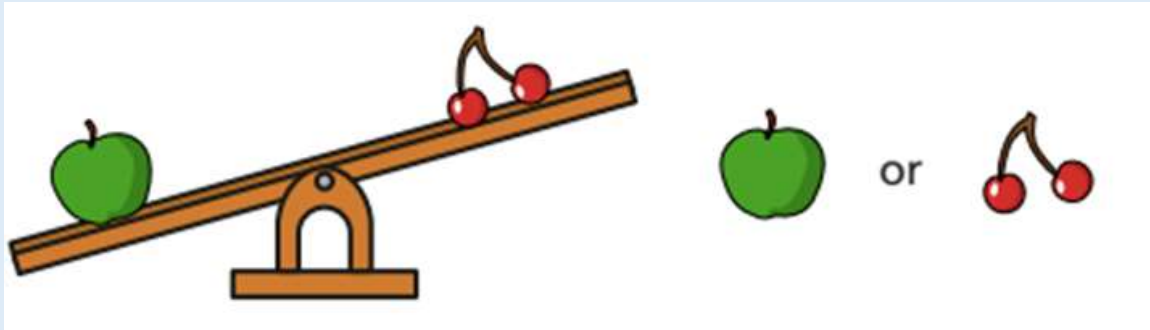
Self assessment
Do you understand the task?



Wednesday 21st February 2024

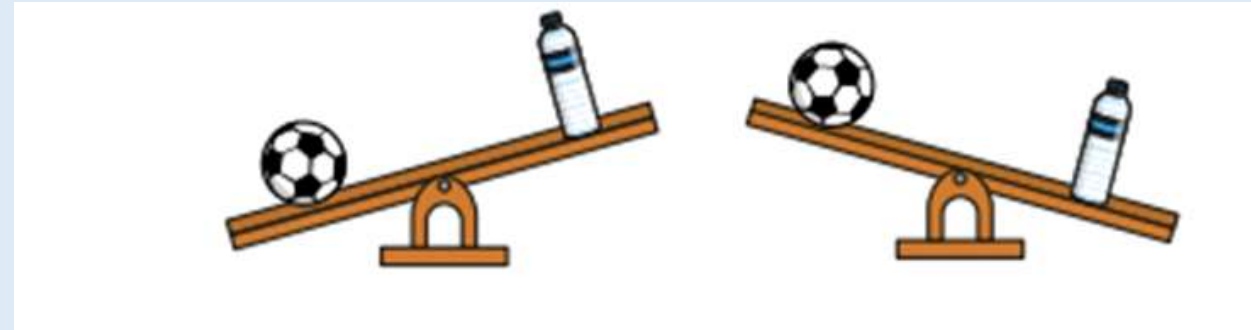
Let's recap our learning from yesterday.

Which object is heavier,
the apple or the cherries?



The ____ is heavier because...

The ball is lighter than the bottle.
Which picture shows that?



The ____ picture shows the
ball is lighter than the bottle.

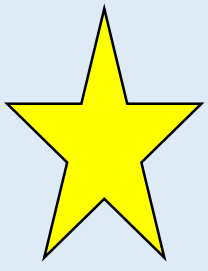


L.Q. Can I compare the weight of objects?

Steps to success



- I understand what weight is.
- I can use a scale to measure weight.
- I can compare the weight of objects using comparative language.



Star words



scale



compare



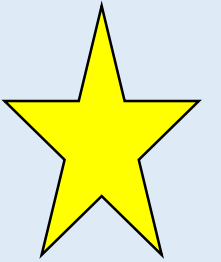
weight



heavy/ heavier



light/ lighter





TPs -What does the word **heavy** mean?

Heavy means something that weighs a lot.



Which is **lighter**, the milk bottle or the toothpaste?

James has a pineapple and an apple.

TPs- Which is heavier?

TPs- What can we use to find out?

Share

I think the  feels heavier.


a)





I used **balance scales** to compare the objects.



 is down and  is up.

 is heavier than .

 is lighter than .



Self assessment



Do you understand what happens to the scale when something is heavy or light?

b)



 is up and  is down.

 is lighter than .



The **tinned tomato** is down and **soup** is up.

The **soup** is _____ than the **tinned tomato**.

The **tinned tomato** is _____ than **soup**.



Which items are lighter than the jam?

Which items are heavier?

Which scale is balanced? How do you know?

The jam is heavier than _____.

The jam is lighter than _____.

Your task



Use the star words to help you explain your answers:

weight, heavy heavier, light, lighter, balance, equal, compare, scale



1.

- Circle the heavier item
- Circle the lighter item
- Which scales shows equal weight?

a) Circle the heavier item. b) Circle the lighter item.



c) Which set of scales shows equal weights? Circle it.



2.

Claire says,
The toothpaste and the milk are of equal weight.



Is she correct? How do you know?

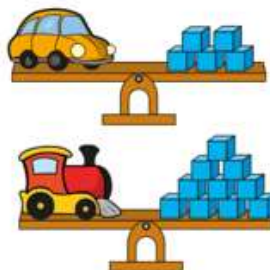
Sentence starter

Yes, she is correct because...

No, she is incorrect because...

3.

How much heavier is the train than the car?



How did you work it out?

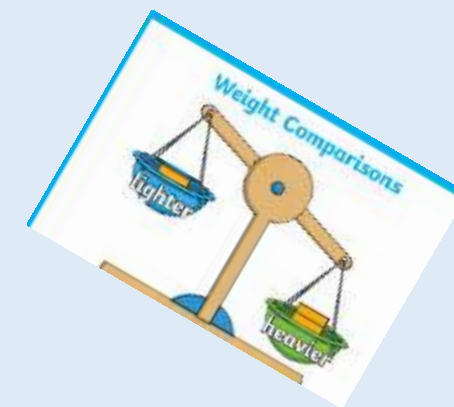
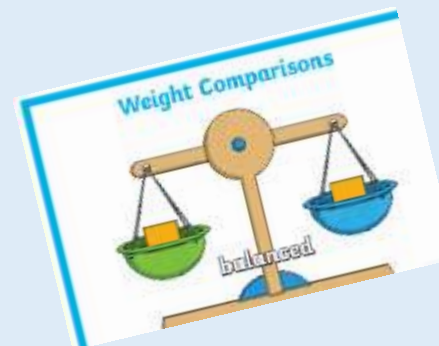
21.02.24

I WS

L.Q: Can I compare the weight of an object?

1 2 3

We worked with an adult who showed us weight comparison pictures. We had to choose from a range of objects and compare them as we measured their weight in a balance scale, to match those pictures- heavy / light or equal.



1.

- Circle the heavier item.
- Circle the lighter item.



- Which set of scales shows equal weights? Circle it.



Self assessment

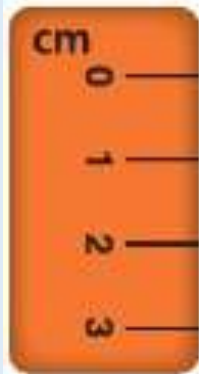
Do you understand the task?



Thursday 22nd February 2024

Let's recap our learning of height.

Which train is 3 cm tall?



I wonder why
they are not
both 3 cm.



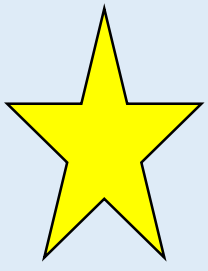


L.Q. Can I measure weight using non- standard units?

Steps to success



- I understand what weight is.
- I can compare the weight of objects using comparative language.
- I can measure weight using non- standard units



Star words



compare



scales



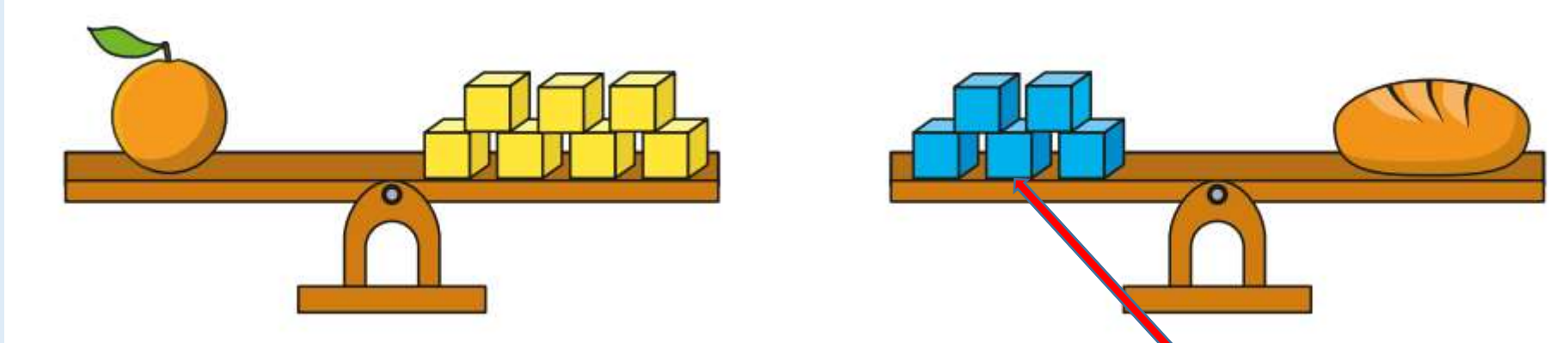
non-standard unit



weight



How much does each object weigh?

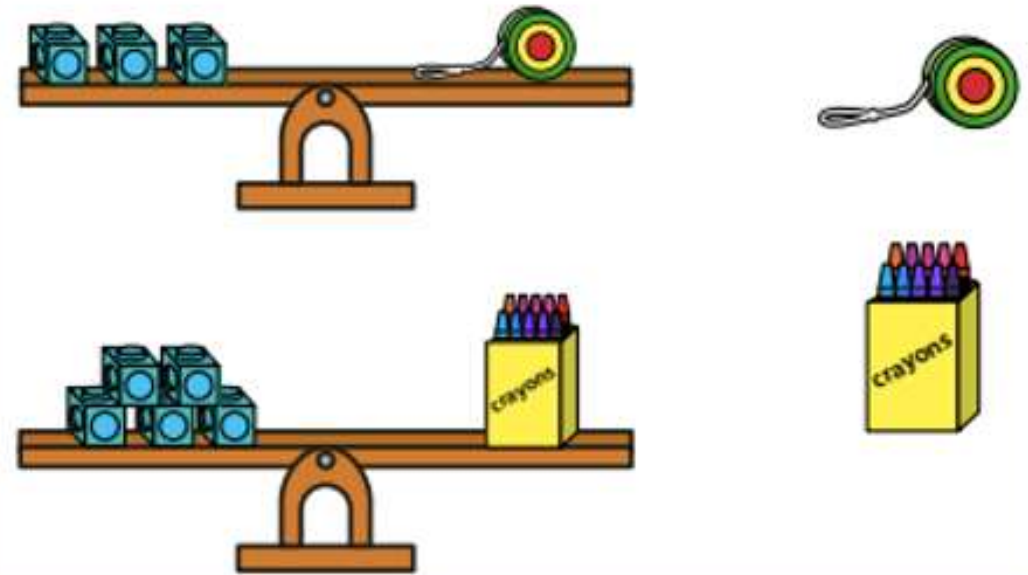
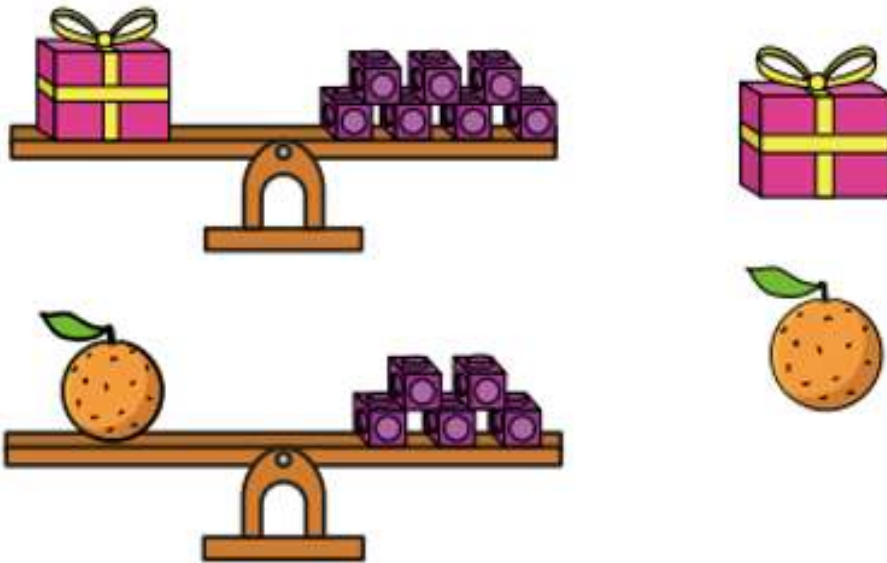


The orange weighs _____ cubes.
The bread weighs _____ cubes.

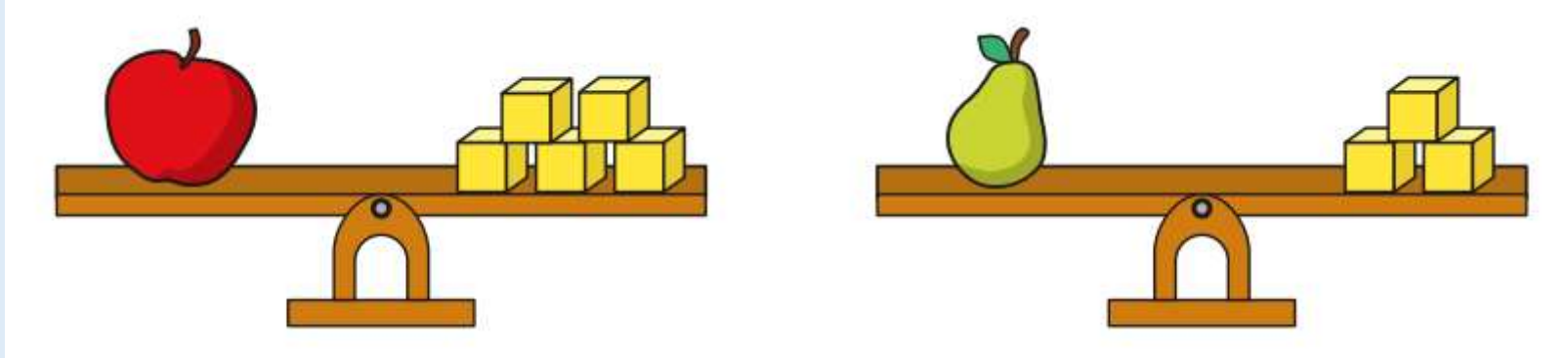
Non- standard unit

TPs- What units are these objects
measured with?
What do we call them?

Which object is heavier? Count the cubes.



Which object is heavier? Count the cubes.



TPs:

What is the weight of the apple?

What is the weight of the pear?

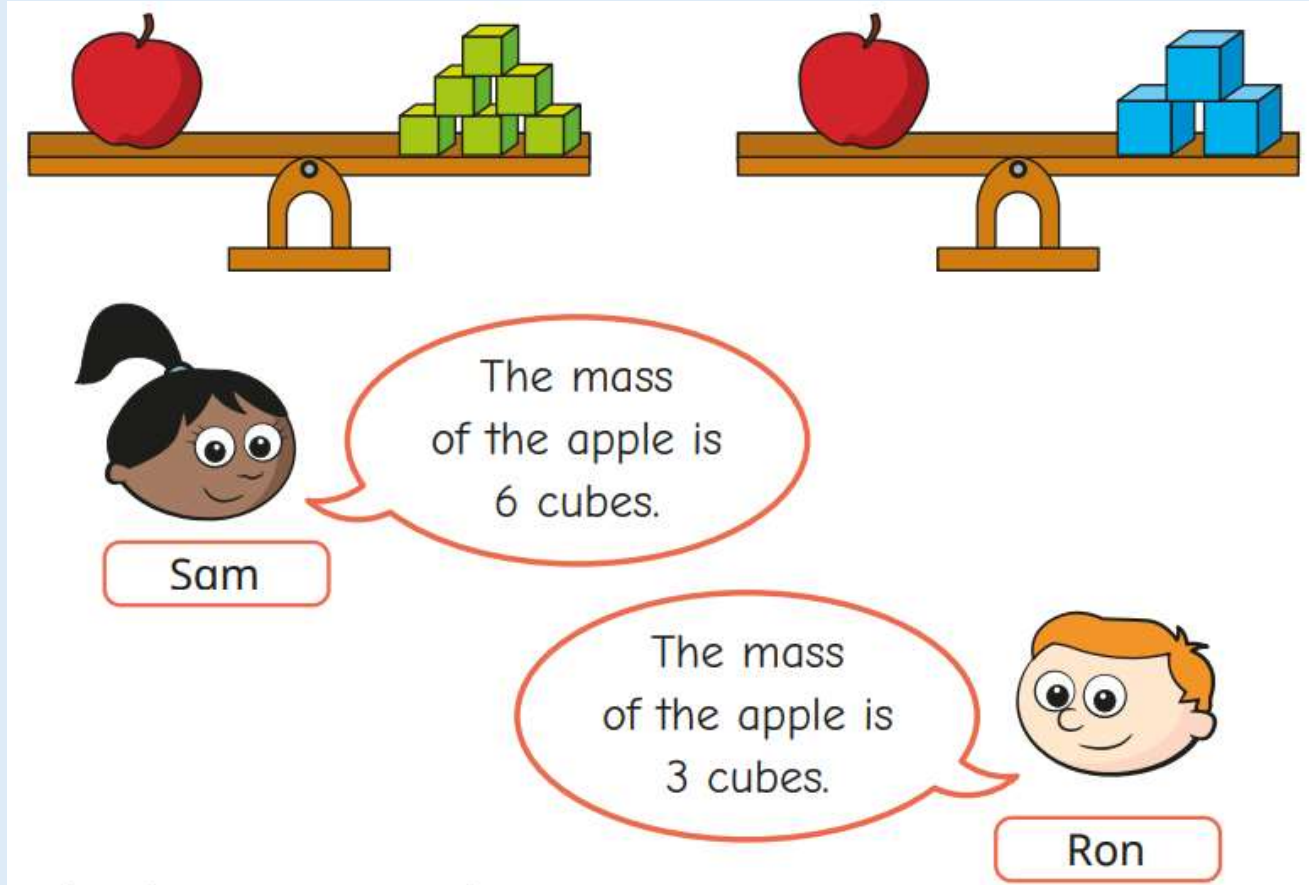
The weight of the _____ is _____cubes.

Choose a word to complete the sentence.

heavier

lighter

The apple is _____than the pear.








Who do you agree with? Why?

I agree with____ because...

They are both correct because 6 green cubes weighs the same as 3 blue cube.

Let's record the measurements together.

	Object Weight in 
	
	12
	
	1

Self assessment

Do you understand how to record using non-standard unit?



Your task

Measure the **weight** of objects in your classroom using a scale and **non- standard units**. Record your measurements on a whiteboard.



Self assessment

Do you understand the task?



Friday 23rd February 2024

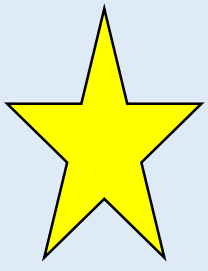


L.Q. Can I measure weight using non- standard units?

Steps to success



- I understand what weight is.
- I can compare the weight of objects using comparative language.
- I can measure weight using non- standard units



Star words



compare



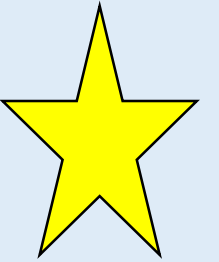
scales



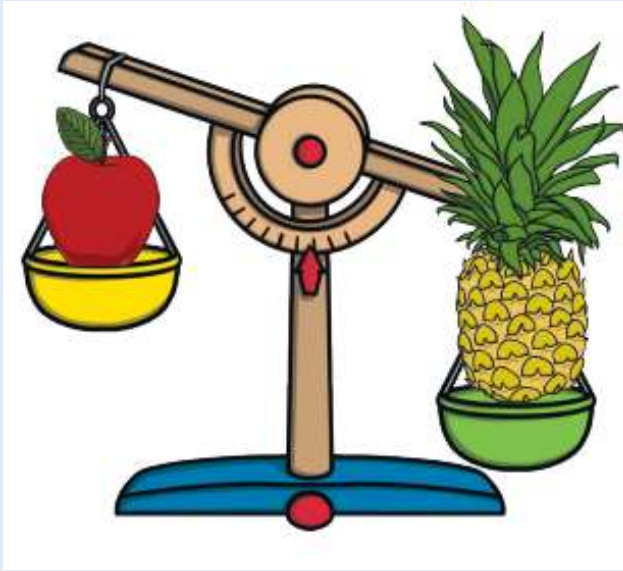
non-standard unit



weight



Make statement true using the words **heavier**, **lighter** or **equal**.



The apple is _____ than the pineapple.



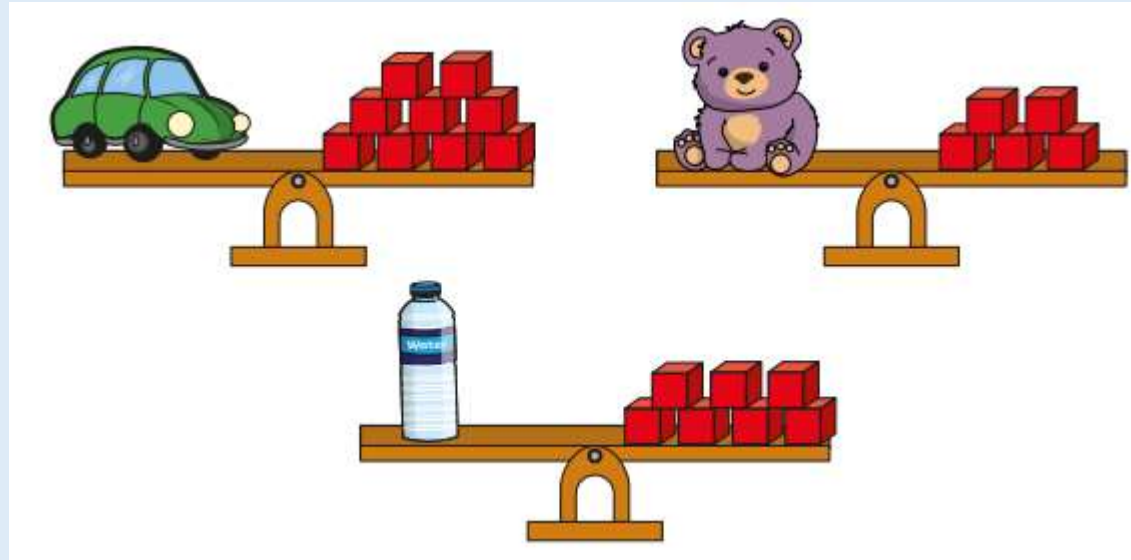
The orange is _____ than the blueberries.



The kiwi fruit is _____ to the banana.

TPs: What scale is balanced? How do you know?

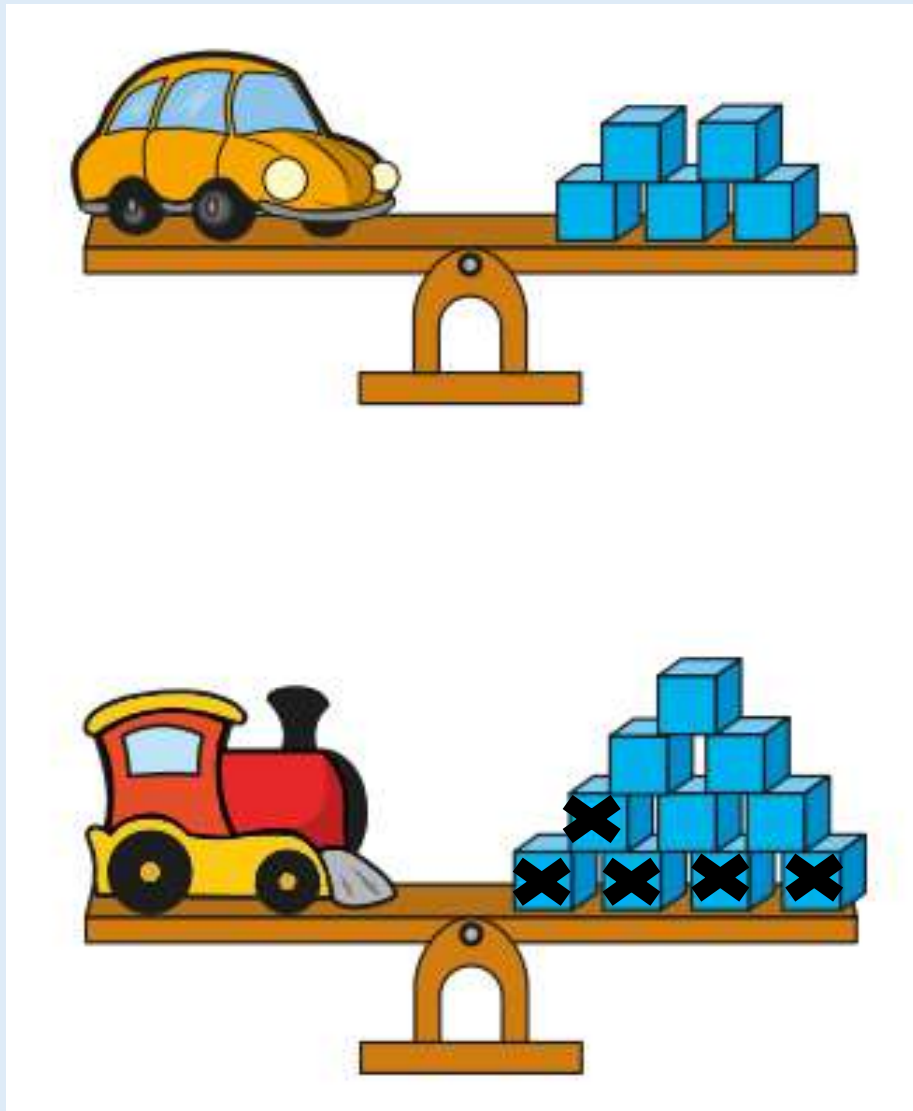
TPs: How much does each object weigh?



The car weighs _____ cubes.
The bear weighs _____ cubes.
The bottle weighs _____ cubes.

TPs: What do you notice about the scales?

The objects are measured in ...



How much heavier is the train than the car?


How did you work it out?

The train is 5 cubes heavier than the car.


Your task

1.


Count the cubes on each scale to complete the statements. Then compare the weight of the objects.



2.



The football is heavier, because it is higher.



Do you agree with Tiny?

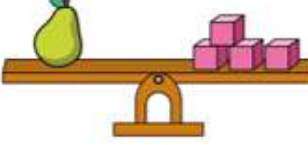
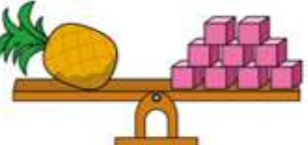
Sentence starter

Yes, I agree because...

No, I disagree because...

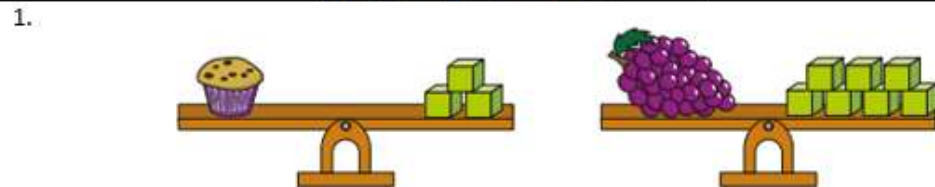
3.

An apple is **heavier** than the pear, but **lighter** than the pineapple.

What could the weight of the apple be?

Write all the possible answers.



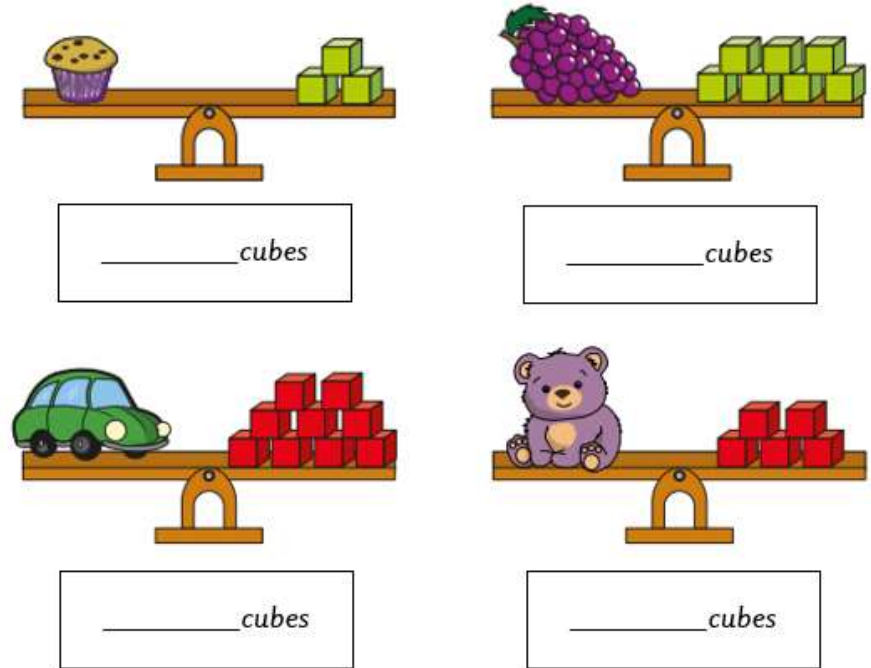
The weight of the muffin is _____ cubes.

The weight of the grapes is _____ cubes.

Is the muffin **lighter** or **heavier** than the grapes?

The muffin is _____ than the grapes.

Today I measured objects using non-standard unit. I counted the cubes to check how much each object weighed.



NS- Draw one object that is **heavy** and one object that is **light**.

Self assessment

Do you understand the task?

