

# To compare mass

- I can use scales to compare the mass of two objects
- I know that  $>$   $<$  and  $=$  mean 'heavier than', 'lighter than' and 'equal to'

## Starter:

What is different and what is the same about these pictures?



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## Starter:

What is different and what is the same about these pictures?



They are both measuring mass using non-standard units. They are both balances. One is using cubes, one is using pencils.

# To compare mass

## Talking Time:

Complete the sentences below:

The pear weighs 4 cubes.

The strawberry weighs 1 cube.

The pear is heavier than the strawberry



# To compare mass

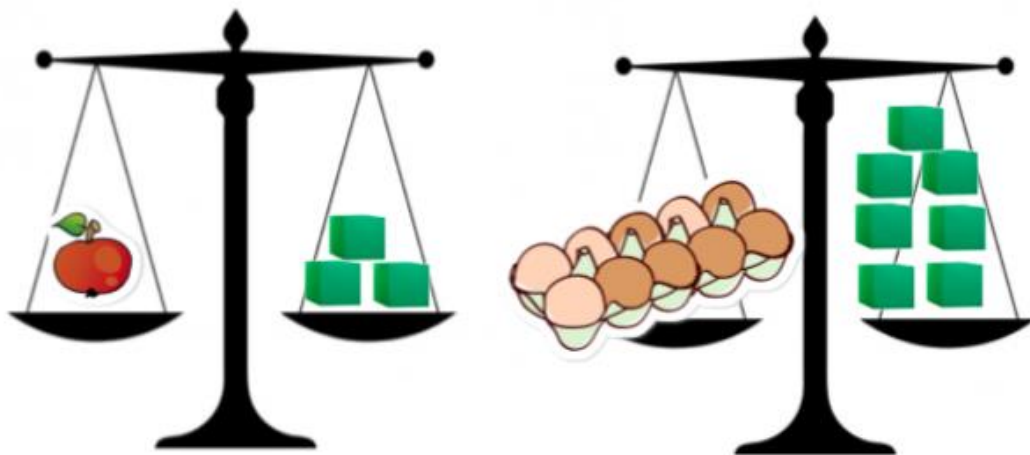
## Talking Time:

Complete the sentences below:

The apple weighs \_\_\_\_\_ cubes.

The eggs weigh \_\_\_\_\_ cubes.

The apple is \_\_\_\_\_ than the eggs. (heavier/lighter)



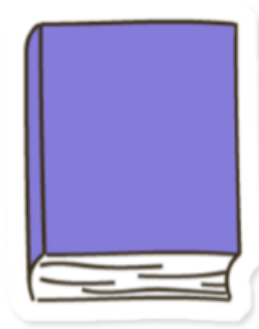
# To compare mass

## Talking Time:

Order these objects from heaviest to lightest.



Socks = 5 pencils



Book = 6 pencils



Spoon = 3 pencils

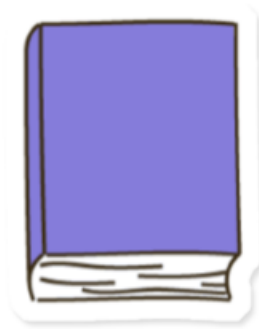
# To compare mass

## Talking Time:

Order these objects from heaviest to lightest.



Socks = 5 pencils



Book = 6 pencils



Spoon = 3 pencils

**Book, socks, spoon**

# To compare mass

## Talking Time:

Order these objects from heaviest to lightest.



Cola = 8 pencils



Sandwich = 3 pencils



Strawberry = 1 pencil

# To compare mass

## Talking Time:

Order these objects from heaviest to lightest.



Cola = 8 pencils



Sandwich = 3 pencils



Strawberry = 1 pencil

Cola, Sandwich, Strawberry



# To compare mass

## Activity 2:

Order these objects from heaviest to lightest.



Pen = 3 pencils



Plant = 12 pencils



Toothbrush = 7 pencils

### Extension:

Use  $<$ ,  $>$  symbols to write sentences about the mass of these objects.

# To compare mass

## Activity 2:

Order these objects from heaviest to lightest.



Pen = 3 pencils



Plant = 12 pencils



Toothbrush = 7 pencils

Plant, Toothbrush, Pen

### Extension:

Use  $<$ ,  $>$  symbols to write sentences about the mass of these objects

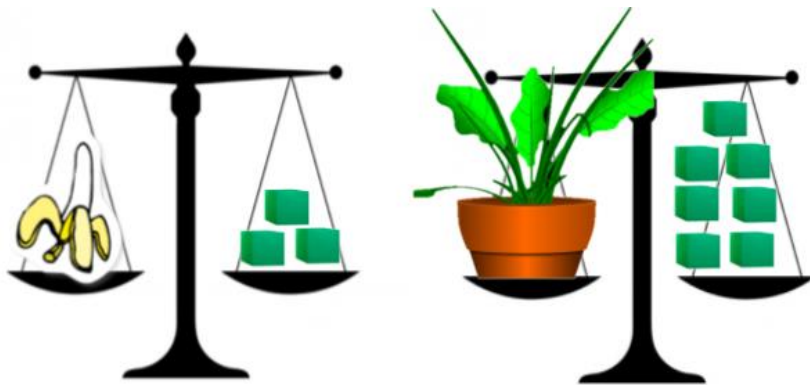
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## Quiz:

Look at the scales. Are these statements true or false?

- The banana is heavier than the plant
- The plant is heavier than the banana
- The banana is lighter than the plant
- The plant is lighter than the banana
- The objects have equal mass



Can you order the objects from heaviest to lightest?



= 3 pencils

Ball



= 8 pencils

Teddy Bear



= 4 pencils

Sock

Which is heavier? 1kg of feathers or 1kg of bananas?



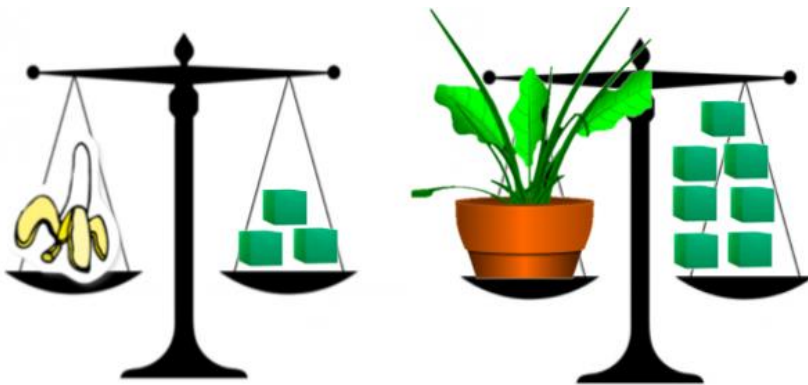
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## Quiz:

Look at the scales. Are these statements true or false?

- The banana is heavier than the plant - **false**
- The plant is heavier than the banana - **true**
- The banana is lighter than the plant – **true**
- The plant is lighter than the banana – **false**
- The objects have equal mass - **false**



Can you order the objects from heaviest to lightest?



Which is heavier?      1kg of feathers      or 1kg of bananas?

