

Monday 15th June: Compare Mass

Starter

$$12 - 7 = \underline{\hspace{2cm}}$$

$$3 \times 2 = \underline{\hspace{2cm}}$$

$$52 + 7 = \underline{\hspace{2cm}}$$

$$10 + 40 + 20 = \underline{\hspace{2cm}}$$

$$63 - 10 - 10 = \underline{\hspace{2cm}}$$

Abdul has some toy cars.

He gives half of them to Ben.

He has four toy cars left.

How many toy cars did Abdul start with?

Miss Smith buys some bags of apples for her class.

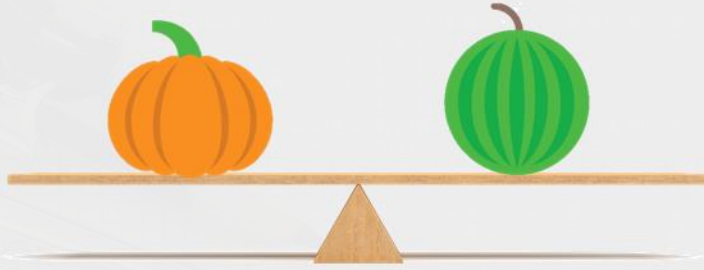
She needs **30** apples altogether.

There are **5** apples in each bag.

How many **bags** of apples does Miss Smith need altogether?

Introduction

Complete the sentences below:



The pumpkin weighs the _____ as the melon.



The lemon weighs _____ than the apple.

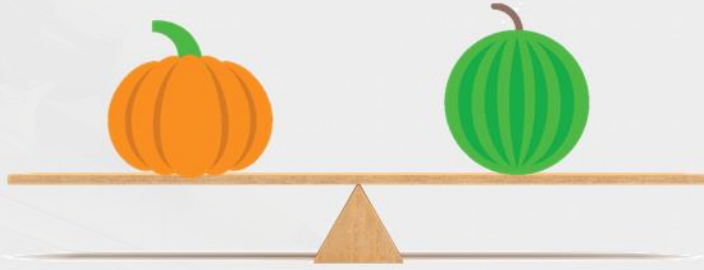


The sweetcorn weighs _____ than the tomato.

Word bank: more less same

Introduction

Complete the sentences below:



The pumpkin weighs the same as the melon.



The lemon weighs less than the apple.

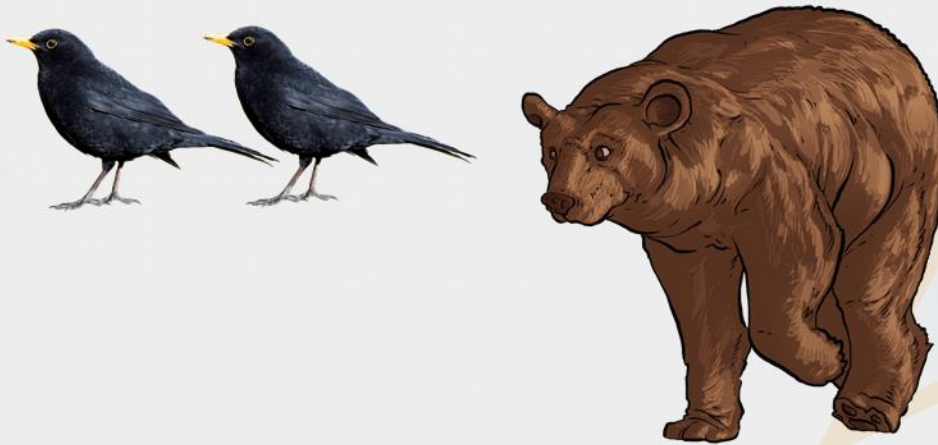


The sweetcorn weighs more than the tomato.

Word bank: more less same

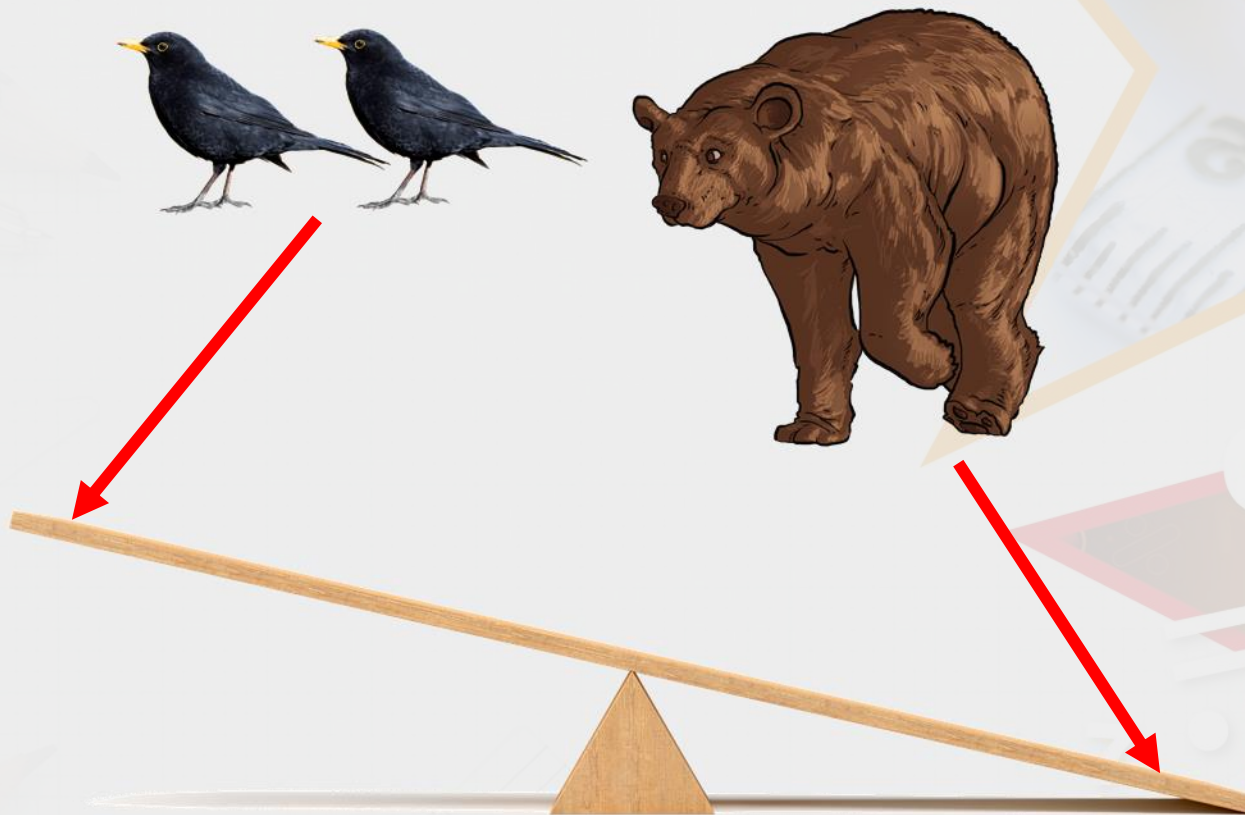
Varied Fluency 1

Draw lines to show which side of the balance the objects belong.



Varied Fluency 1

Draw lines to show which side of the balance the objects belong.



Varied Fluency 3

Order these objects from heaviest to lightest.



A



B



C



D

Varied Fluency 3

Order these objects from heaviest to lightest.



D



A



C

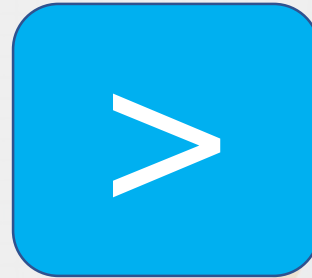
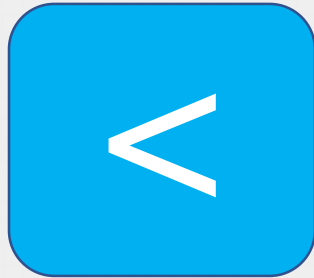


B

heaviest —————→ **lightest**

Varied Fluency 4

When comparing mass, which symbol could you swap for the underlined words?

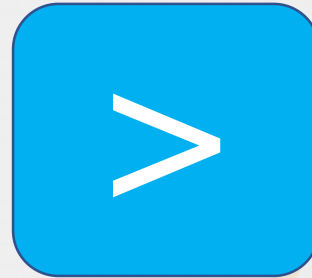
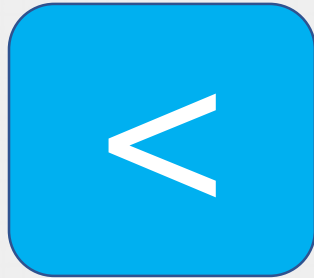


A football is lighter than a bowling ball.

An elephant is heavier than a bat.

Varied Fluency 4

When comparing mass, which symbol could you swap for the underlined words?



A football _____<_____ a bowling ball.

An elephant _____>_____ a bat.

Reasoning 1

True or false?



Explain your answer.

Reasoning 1

True or false?

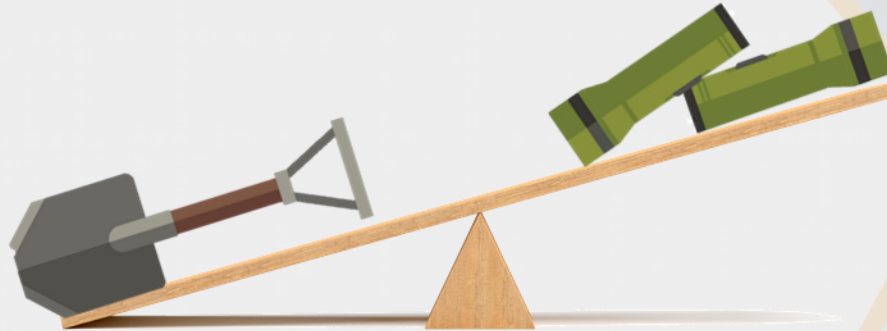


Explain your answer.

True because the scale shows that the backpack is heavier than two cameras. A backpack full of equipment would be heavier than two small cameras.

Reasoning 2

Ishmael looks at the items on the scales. He writes,



The mass of the
shovel is $<$ the mass
of the torches.

Is he correct? Explain your answer.

Reasoning 2

Ishmael looks at the items on the scales. He writes,



The mass of the
shovel is $<$ the mass
of the torches.

Is he correct? Explain your answer.

Ishmael is incorrect because he has used the wrong symbol. He has written that the shovel is less than the torches. The shovel is actually heavier than the torches so he should have written the mass of the shovel $>$ than the mass of the torches.

Challenges

1. Find some different items from around your house. Can you compare their weight using the correct greater than ($>$) and less than ($<$) symbols.
2. Have a go at the White Rose Activity sheet if you would like too. Go back to the blog to find the link to the sheet.