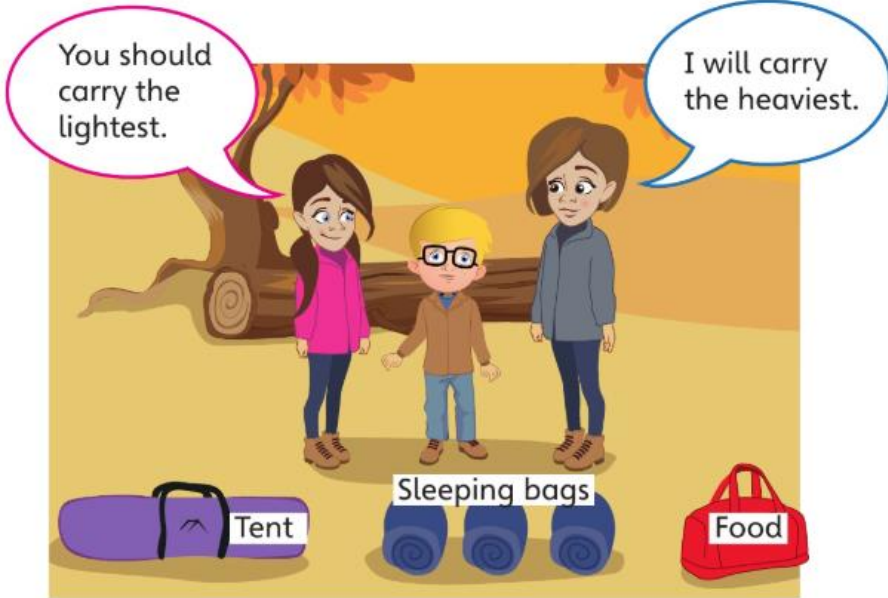





Comparing mass

Discover



1 a) How can you find out what each person should carry?

b) 1  has the same mass as 2 .
What is the mass of 3  in bottles?

Share

You should use a balance to be exact when comparing mass.



a)






We know the heaviest, but we don't know which is **lightest** yet.



b)



3  have the same mass as 3 lots of 2 , which is 6 .

Think together

1 Complete the sentences.




_____ is heavier than _____ _____ is heavier than _____
 _____ is the heaviest.
 _____ is the lightest.

2



The  has the same mass as 10 .

Write the mass of the other items in .



3 Another family go camping.

Molly says, 'My bag is twice as heavy as a tent.'

Jack says, 'My bag is half as heavy as Molly's.'

Dad says, 'My bag is five times as heavy as Molly's.'

a) Whose bag is heaviest?

_____ 's bag is heaviest.

b) Whose bag is lightest?

_____ 's bag is lightest.

CHALLENGE

I wonder how many tents balance each bag.



Comparing mass

- 1 Use the words **heavier** and **lighter** to complete these sentences.

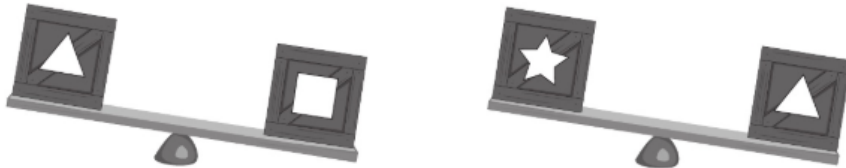


The zebra is _____ than the camel.

The tiger is _____ than the lion.

The lion is _____ than the camel.

- 2 Complete the statement.





_____ is heavier than _____ _____ is heavier than _____



_____ is the heaviest.



_____ is the lightest.





- 3 a) Complete the table.



The  is twice as heavy as one .

The  is half as heavy as one .

The  is five times as heavy as one .

Shape				
Mass in cubes	1			

- b) Complete the sentences.

The _____ is the heaviest.

The _____ is the lightest.