Problems of the Day

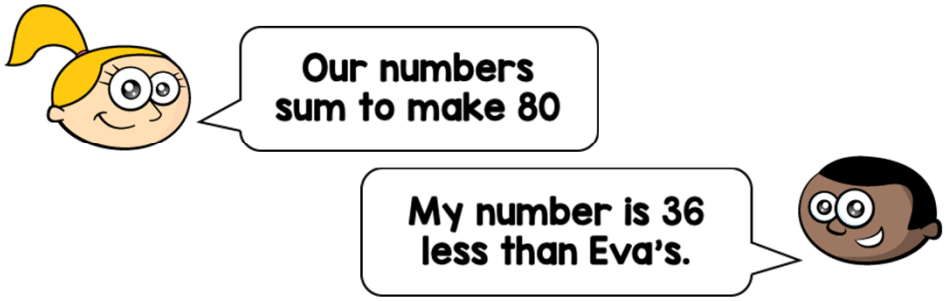
Day 57

Use bar models to solve all of today's problems



1

Eva and Mo each think of a number.



What numbers are the children thinking of?

2

A box contains 8 badges.

The mass of the box and the badges is 160 g.

3 badges are removed from the box.

The mass of the box and badges is now 121 g.

What is the mass of the box?

3

Marty has £412 and Hannah has £1,162

Marty and Hannah are each given the same amount of money.

Hannah now has twice as much as Marty.

How much were they each given?

Go to the next page for...

THE REALLY HORRIBLE CHALLENGE QUESTION

Problems of the Day

Day 57

THE REALLY HORRIBLE CHALLENGE QUESTION



Use a bar

4

Sarah is doing a coast to coast walk.
She is doing it over 7 days.

- At the end of the first day the ratio of the distance travelled to the distance remaining is 1 : 5
- On the second day Sarah walks 15.5 miles.
- At the end of the second day she has completed 25% of the walk.

How long is the coast to coast walk?