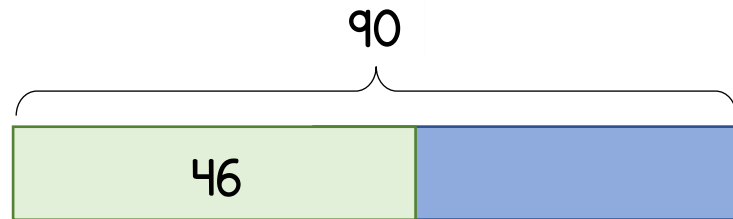


1 Use a bar model to find the missing number.

$$46 + \square = 90$$



Use a bar model to find the missing number.

$$\square + 43 = 61$$

2 A book costs £5

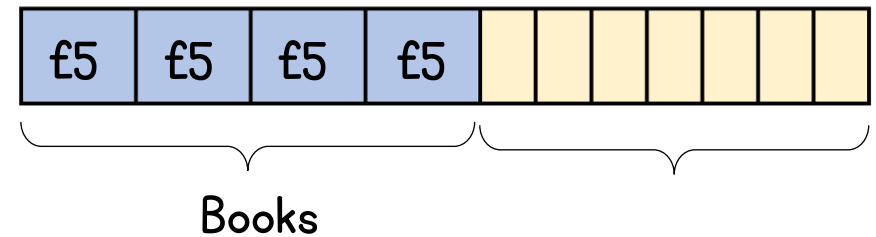


A magazine costs £2



Henry buys 4 books and 7 magazines

How much did Henry spend in total?



What would the total cost be if Henry buys 6 books and 4 magazines?

1 Use a bar model to find the missing number.

$$46 + \square = 90$$

Use a bar model to find the missing number.

$$\square + 43 = 61$$

2 A book costs £5



A magazine costs £2



Henry buys 4 books and 7 magazines

How much did Henry spend in total?

What would the total cost be if Henry buys 6 books and 4 magazines?

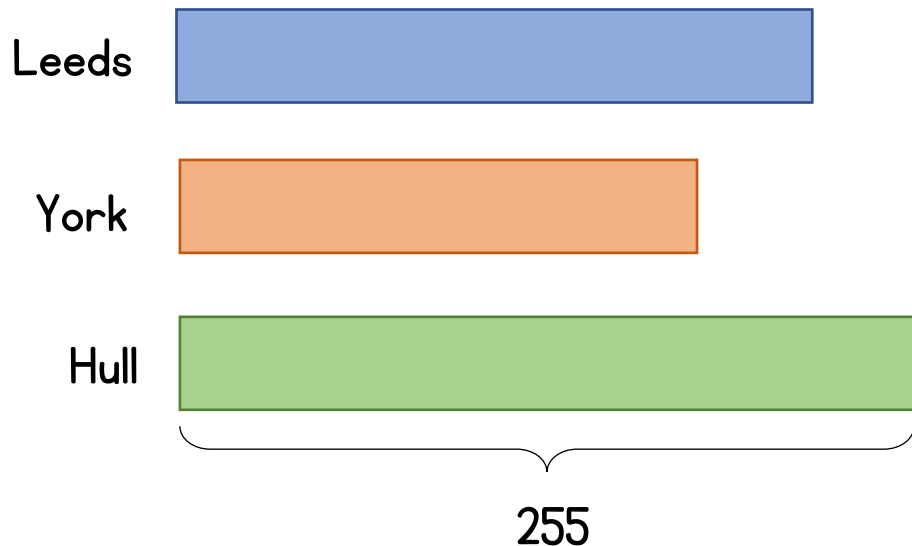
**3** A train leaves Leeds station with some passengers onboard.

At York station 48 passengers get off.

At Hull station 72 passengers get on.

There are now 255 passengers on the train.

How many were on the train when it left Leeds?



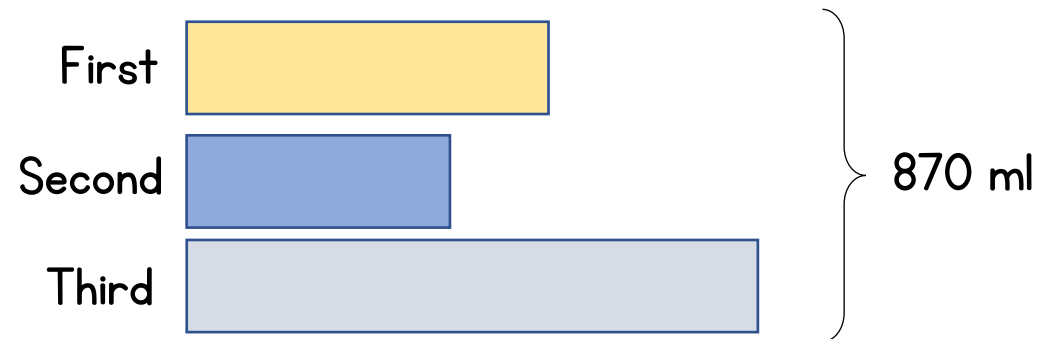
How does the answer change if 48 passengers got on at York and 72 got off at Hull?

**4** The total amount of water in 3 jugs is 870 ml.

- 80 ml of water is poured from the first jug to the second jug.
- 120 ml of water is poured from the third jug to the first jug.

There is now the same amount of water in each jug.

How much more water was in the third jug than the second at the start?



**3** A train leaves Leeds station with some passengers onboard.

At York station 48 passengers get off.

At Hull station 72 passengers get on.

There are now 255 passengers on the train.

How many were on the train when it left Leeds?

How does the answer change if 48 passengers got on at York and 72 got off at Hull?

**4** The total amount of water in 3 jugs is 870 ml.

- 80 ml of water is poured from the first jug to the second jug.
- 120 ml of water is poured from the third jug to the first jug.

There is now the same amount of water in each jug.

How much more water was in the third jug than the second at the start?

## Challenge

Yasmin has some money.

She spends £180 on a TV.

She spends  $\frac{3}{10}$  of the remainder on a new printer.

She has  $\frac{2}{5}$  of the money left at the end.

How much money did Yasmin have at the start?