

## Challenge 2

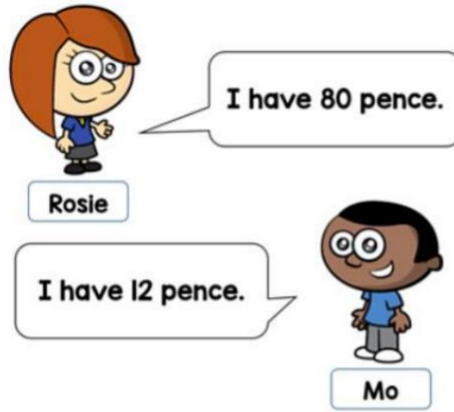
### Challenge 1

Jane is standing in a queue.

There are 5 people in front of her.

There are 2 people behind her.

How many people are in the queue?

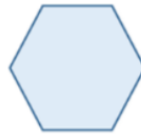


Rosie gives Mo 25 pence.

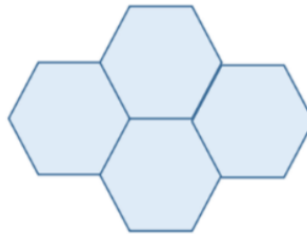
How much more money does Rosie have than Mo now?

### Challenge 4

The perimeter of this regular hexagon is 42 cm.



Four of these hexagons are put together to make this shape.



### Challenge 3

If

$$70 + \text{yellow circle} = 100$$

$$50 + \text{green triangle} = 100$$

$$\text{yellow circle} + \text{green triangle} + \text{blue square} = 100$$

What is the value of the blue square?

What is the perimeter of the shape?

### Challenge 5

Charlie has a tin of paint.

The tin is half full and weighs 5.8 kg. Charlie paints a wall in his house.

The tin is now a quarter full and weighs 3.1 kg.

How much does the empty tin weigh?



### Challenge 6

Chloe has some money.

She spends  $\frac{1}{4}$  on a book.

She spends  $\frac{5}{12}$  on some headphones.

She spends the rest on this toaster.



How much does the book cost?

# Answers

**Challenge 1** - 8 people

**Challenge 2** - 18 pence

**Challenge 3** - The blue square is equal to 20

**Challenge 4** - 98 cm

**Challenge 5** - 0.4 kg

**Challenge 6** - £18