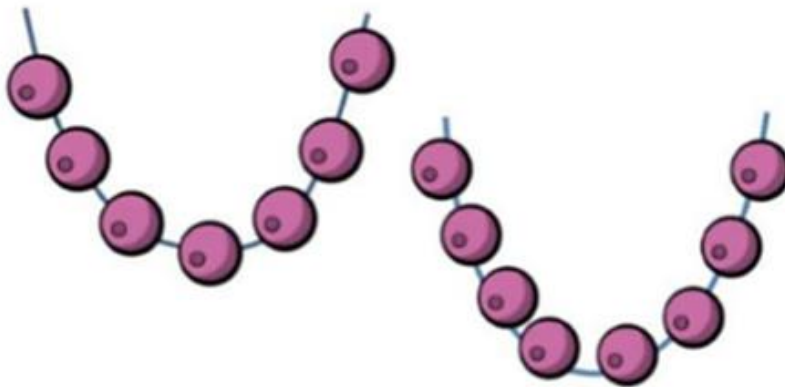# Maths Challenges

Challenge 1

Sal has 20 beads.

She uses some beads to make these two necklaces.

How many beads does she have left?

Challenge 2

George is thinking of a 2 digit number.

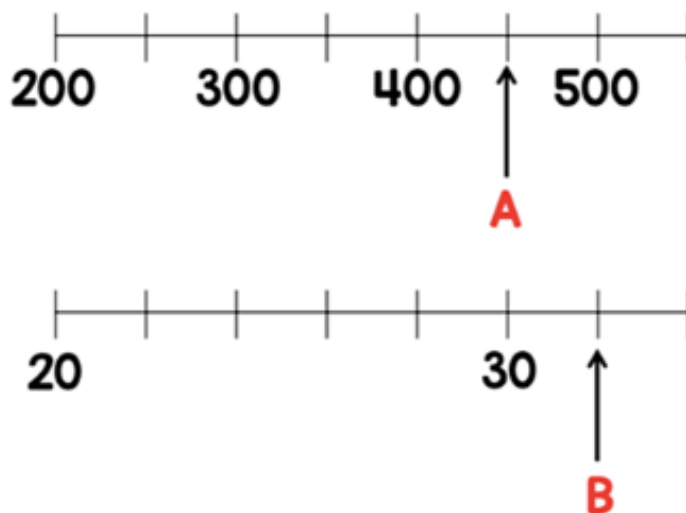My number is in the 5 times table.

My number is less than 80

The sum of the digits is 9

What number is George thinking of?

Challenge 3

Two numbers, A and B, are marked on the number lines.

Find the sum of A and B.

Challenge 4

Max buys a shirt and a jacket.

The jacket costs **£25** more than the shirt.

The total cost of the shirt and jacket is **£87**.

How much does each item cost?

Maths Challenges

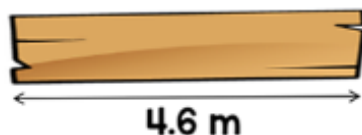## Challenge 5

The mass of 1 cube and 4 cones is **110 g**.

The mass of 1 cube and 2 cones is **72 g**.

What is the mass of 1 cube?

Challenge 6

A plank of wood is 4.6 metres long.

4.6 m

These three lengths of wood are cut from the plank.

| 1.45 m | 88 cm | 1630 mm |

What is the length of the wood left?

Maths Challenges

Answers

Challenge 1 - 5 beads

Challenge 2 - 45

Challenge 3 - 482

Challenge 4 - Jacket £56 and Shirt £31

Challenge 5 - 34 g

Challenge 6 - 0.64 m, 64 cm or 640 mm