

When you've finished, turn to page 80.

What might a doubling chain look like? What numbers could you start with?



What if you start with a 3-digit number?

What if?

How are you going to record your chains?

Think about ...



What patterns can you see in the numbers that make long chains? Can you use this to make other chains?

Choose a 2-digit even number and keep halving until you reach an odd number. What is the longest chain you can make, starting with a 2-digit number?



This is a 3-link chain:

Challenge



Halving chains

Multiplication and division

Solving mathematical problems