

Unit 2 Patterns and Number Lines

Let's Think ...

- Work out the missing numbers in each pattern.
- Say how you found the missing numbers.
- Describe each pattern.

1 3 5 ● ● 11	5 10 ● ● 25 30
100 90 ● ● 60	63 ● ● 33 23

To find the missing numbers in a pattern, you have to decide whether the numbers are in **ascending** or **descending** order.

Ascending numbers go up in value; for example:

10 20 30 40

Descending numbers go down in value; for example:

100 95 90 85

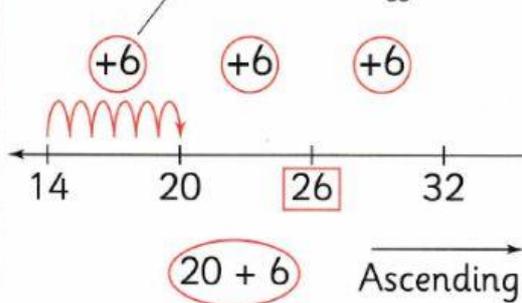
You can use a **number line** to find the pattern and work out the missing numbers.

Look at these examples carefully.

What is the missing number?

14 20 32

work out the difference

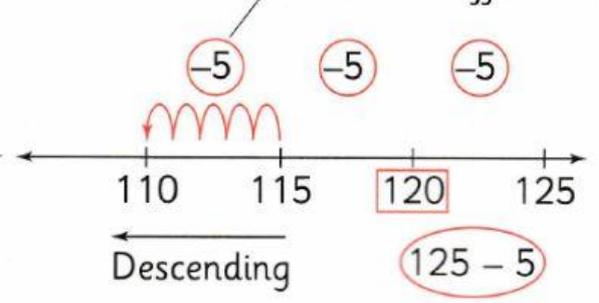


The numbers are in ascending order so we count on or add.

What is the missing number?

125 115 110

work out the difference



The numbers are in descending order so we count back or subtract.

