

Number Patterns up to 200

Chapter 3: Double Century · Topic 2

Key Concept

A number pattern follows a rule, like adding 10 each time: 10, 20, 30, 40... or adding 25 each time: 25, 50, 75, 100...

To find the rule of a pattern, we look at the difference between consecutive numbers - if each number is 15 more than the last, the rule is 'add 15'.

Once we know the rule, we can continue the pattern further, or even find a missing number in the middle of the pattern.

Recognising and continuing number patterns helps develop logical thinking and prepares us for more advanced maths concepts later.

Quick Revision Notes

- A number pattern follows a rule, like adding a fixed amount.
- 10, 20, 30, 40 follows the rule 'add 10'.
- We find the rule by looking at the difference between numbers.
- Once we know the rule, we can continue the pattern.
- We can also find missing numbers in a pattern.
- Patterns can go up to 200 or beyond.
- Recognising patterns develops logical thinking.
- This skill prepares us for advanced maths.

Practice Questions

- 1 Continue the pattern: 15, 30, 45, __, __.
- 2 Find the rule for the pattern: 8, 16, 24, 32.
- 3 Create your own number pattern up to 200.
- 4 Find a missing number in a pattern given by a friend.
- 5 Explain the rule of a pattern you created.
- 6 Practice three more number pattern problems.