

Shapes and Patterns

Chapter 5: Shapes and Patterns · Topic 1

Key Concept

Shapes like circles, squares, triangles, and rectangles have distinct properties, like number of sides and corners.

A pattern is a sequence that repeats in a predictable way, like red-blue-red-blue, helping us understand order.

We can create patterns using shapes, colours, or numbers, and predict what comes next in a pattern.

Recognising and creating patterns helps develop logical thinking and prepares us for more advanced maths concepts.

Quick Revision Notes

- Shapes: circles, squares, triangles, rectangles.
- Each has distinct sides and corners.
- A pattern repeats predictably.
- Example: red-blue-red-blue.
- Patterns can use shapes, colours, numbers.
- We can predict what comes next.
- Patterns develop logical thinking.
- They prepare us for advanced maths.

Practice Questions

- 1 Create a pattern using three colours.
- 2 Predict what comes next in a shape pattern.
- 3 Draw a number pattern and continue it.
- 4 Identify shapes in a picture.
- 5 Create your own pattern using shapes.
- 6 Continue the pattern: 5,10,15,-.