

Geometry - Perimeter

Chapter 9: Geometry - Perimeter · Topic 1

Key Concept

To find the perimeter of a shape, we add together the lengths of all its sides.

For a rectangle, the perimeter is calculated as 2 times (length + width), since opposite sides are equal.

For a square, since all sides are equal, the perimeter is 4 times the length of one side.

Understanding perimeter helps us in real life, like knowing how much fencing is needed around a garden.

Quick Revision Notes

- Perimeter is the distance around a shape.
- We add all side lengths to find perimeter.
- Rectangle perimeter = $2 \times (\text{length} + \text{width})$.
- Square perimeter = $4 \times \text{side length}$.
- All sides of a square are equal.
- Perimeter helps in real-life situations.
- Fencing a garden uses perimeter calculation.
- Practice helps master perimeter problems.

Practice Questions

- 1 Calculate the perimeter of your classroom door.
- 2 Find the perimeter of a square with side 7cm.
- 3 Find the perimeter of a rectangle with length 10cm and width 5cm.
- 4 Measure and calculate the perimeter of a book.
- 5 Discuss why fencing a garden needs perimeter.
- 6 Solve three perimeter problems.