

CLASS 6

MATHS

NCERT SOLUTIONS

Class 6 Maths Chapter 6 Perimeter and Area NCERT Solutions

Chapter 6 of the Class 6 Maths textbook Ganita Prakash is Perimeter and Area. It covers how to calculate the perimeter and area of basic shapes like rectangles, squares, and simple irregular figures. These Class 6 Mathematics Chapter 6 solutions are also useful as quick revision notes before exams.

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What Is Perimeter?

Q: What is the perimeter of a shape, and what units is it measured in?

A: Perimeter is the total distance around the boundary of a closed shape, found by adding the lengths of all its sides. It is measured in units of length, such as cm or m.

Perimeter and Area of a Rectangle

Q: Find the perimeter and area of a rectangle with length 8 cm and breadth 5 cm.

A: Perimeter = $2 \times (\text{length} + \text{breadth}) = 2 \times (8+5) = 26 \text{ cm}$. Area = length $\times$ breadth = $8 \times 5 = 40 \text{ sq cm}$.

Area of a Square

Q: Find the perimeter and area of a square with side 6 cm.

A: Perimeter = $4 \times \text{side} = 4 \times 6 = 24 \text{ cm}$. Area of a square = side $\times$ side = $6 \times 6 = 36 \text{ sq cm}$.

Area of Irregular Figures

Q: How can the area of an irregular shape drawn on a squared grid be estimated?

A: Count the number of full squares completely inside the shape. For squares that are only partly covered, count two half-covered squares as roughly one full square. Add these together to get an estimated total area.

Class 6 Mathematics Chapter 6 – Notes and Extra Questions

Along with these NCERT Solutions, students can also use the [Class 6 Mathematics Chapter 6 Extra Questions](#) and [Class 6 Mathematics Chapter 6 Revision Notes](#) for quick revision and extra practice.