

Class 6

Important Formulas

Chapter 3 – Playing with Numbers

1. Natural numbers are all the numbers from 1 onwards, i.e., 1, 2, 3, 4, 5, 6, and are used for counting.
2. Whole numbers are all the numbers from 0 onwards, i.e., 0, 1, 2, 3, 4, 5, 6, and are used for calculating.
3. The smallest natural number is 1 and the smallest whole number is 0.
4. The successor of a whole number is 1 more than the whole number.
5. The predecessor of a whole number is 1 less than the whole number. There is no predecessor of zero in whole numbers.
6. A number line is a horizontal line on which there are equally spaced points. These points represent whole numbers starting from zero.

NCERT Solutions for Class 6 Maths Chapter 1

- [Knowing our Numbers Class 6 Ex 1.1](#)
- [Knowing our Numbers Class 6 Ex 1.2](#)
- [Knowing our Numbers Class 6 Exercise 1.3](#)

NCERT Solutions for Class 6 Maths Chapter 2

- [Whole Numbers Class 6 Ex 2.1](#)

NCERT Solutions for Class 6 Maths Chapter 3

- [Playing with Numbers Class 6 Ex 3.1](#)
- [Playing with Numbers Class 6 Ex 3.2](#)
- [Playing with Numbers Class 6 Ex 3.3](#)
- [Playing with Numbers Class 6 Ex 3.4](#)
- [Playing with Numbers Class 6 Exercise 3.5](#)
- [Playing with Numbers Class 6 Exercise 3.6](#)
- [Playing with Numbers Class 6 Exercise 3.7](#)

NCERT Solutions for Class 6 Maths Chapter 4

- [Basic Geometrical Ideas Class 6 Ex 4.1](#)
- [Basic Geometrical Ideas Class 6 Ex 4.2](#)
- [Basic Geometrical Ideas Class 6 Ex 4.3](#)
- [Basic Geometrical Ideas Class 6 Exercise 4.4](#)
- [Basic Geometrical Ideas Class 6 Exercise 4.5](#)
- [Basic Geometrical Ideas Class 6 Exercise 4.6](#)

NCERT Solutions for Class 6 Maths Chapter 5

- [Understanding Elementary Shapes Class 6 Ex 5.1](#)
- [Understanding Elementary Shapes Class 6 Ex 5.2](#)
- [Understanding Elementary Shapes Class 6 Ex 5.3](#)
- [Understanding Elementary Shapes Class 6 Ex 5.4](#)
- [Understanding Elementary Shapes Class 6 Ex 5.5](#)
- [Understanding Elementary Shapes Class 6 Exercise 5.6](#)
- [Understanding Elementary Shapes Class 6 Exercise 5.7](#)
- [Understanding Elementary Shapes Class 6 Exercise 5.8](#)
- [Understanding Elementary Shapes Class 6 Exercise 5.9](#)

Class 6 Maths NCERT Solutions Chapter 6

- [Integers Class 6 Ex 6.1](#)
- [Integers Class 6 Ex 6.2](#)
- [Integers Class 6 Exercise 6.3](#)

Class 6 Maths NCERT Solutions Chapter 7

- [Fractions Class 6 Ex 7.1](#)

- [Fractions Class 6 Ex 7.2](#)
- [Fractions Class 6 Ex 7.3](#)
- [Fractions Class 6 Exercise 7.4](#)
- [Fractions Class 6 Exercise 7.5](#)
- [Fractions Class 6 Exercise 7.6](#)

Class 6 Maths NCERT Solutions Chapter 8

- [Decimals Class 6 Ex 8.1](#)
- [Decimals Class 6 Ex 8.2](#)
- [Decimals Class 6 Ex 8.3](#)
- [Decimals Class 6 Exercise 8.4](#)
- [Decimals Class 6 Exercise 8.5](#)
- [Decimals Class 6 Exercise 8.6](#)

Class 6 Maths NCERT Solutions Chapter 9

- [Data Handling Class 6 Ex 9.1](#)
- [Data Handling Class 6 Ex 9.2](#)
- [Data Handling Class 6 Exercise 9.3](#)
- [Data Handling Class 6 Exercise 9.4](#)

Class 6 Maths NCERT Solutions Chapter 10

- [Mensuration Class 6 Ex 10.1](#)
- [Mensuration Class 6 Ex 10.2](#)
- [Mensuration Class 6 Exercise 10.3](#)

Class 6 Maths NCERT Solutions Chapter 11

- [Algebra Class 6 Ex 11.1](#)
- [Algebra Class 6 Ex 11.2](#)
- [Algebra Class 6 Exercise 11.3](#)
- [Algebra Class 6 Exercise 11.4](#)
- [Algebra Class 6 Exercise 11.5](#)

Class 6 Maths NCERT Solutions Chapter 12

- [Ratio and Proportion Class 6 Ex 12.1](#)
- [Ratio and Proportion Class 6 Ex 12.2](#)
- [Ratio and Proportion Class 6 Exercise 12.3](#)

Class 6 Maths NCERT Solutions Chapter 13

- [Symmetry Class 6 Ex 13.1](#)
- [Symmetry Class 6 Exercise 13.2](#)
- [Symmetry Class 6 Exercise 13.3](#)

Class 6 Maths NCERT Solutions Chapter 14

- [Practical Geometry Class 6 Ex 14.1](#)
- [Practical Geometry Class 6 Ex 14.2](#)
- [Practical Geometry Class 6 Ex 14.3](#)
- [Practical Geometry Class 6 Exercise 14.4](#)
- [Practical Geometry Class 6 Exercise 14.5](#)
- [Practical Geometry Class 6 Exercise 14.6](#)

Chapter 1 Knowing Our Numbers

- Introduction
- [Comparing Numbers Worksheet](#)
- [Large Numbers In Practice](#)
- Using Brackets
- [Roman Numerals Chart](#)

Chapter 2 Whole Numbers

- Introduction
- Whole Numbers
- The Number Line
- [Properties of Whole Numbers](#)
- Patterns In Whole Numbers

Chapter 3 Playing With Numbers

- Introduction
- [Factors And Multiples Worksheet](#)
- [Prime And Composite Numbers Chart and Worksheets](#)
- [Divisibility Rules 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3,2](#)
- Common Factors And Common Multiples
- Some More Divisibility Rules
- [Prime Factorisation Worksheets](#)
- [Highest Common Factor Worksheets](#)
- [Lowest Common Multiple Worksheet](#)
- [Hcf And Lcm Formulas, Problems with Solutions](#)

Chapter 4 Basic Geometrical Ideas

- Introduction
- [Points, A Line Segment, Ray, and A Line](#)
- [Intersecting Lines and Parallel Lines](#)
- Curves
- [Types of Polygons](#)
- [What is Angle in Geometry](#)
- [Median, altitude of Triangle](#)
- [What is a Quadrilateral](#)
- [Parts of the Circle](#)

Chapter 5 Understanding Elementary Shapes

- Introduction

- [Comparison of Line Segments](#)
- [Different Types of Angles](#)
- [Measure an Angle with a Protractor](#)
- [Classification of Triangles](#)
- [Different Types of Quadrilaterals](#)
- [Different types of Three Dimensional Shapes](#)

Chapter 6 Integers

- [Introduction](#)
- [Integers Examples](#)
- [Operations with Integers Worksheet](#)

Chapter 7 Fractions

- [Introduction](#)
- [Types of fraction](#)
- [Fraction on The Number Line](#)
- [Proper Fractions](#)
- [Improper And Mixed Fractions](#)
- [Equivalent Fractions Chart](#)
- [Simplest Form Of A Fraction](#)
- [Like Fractions](#)
- [Comparing Fractions Worksheets](#)
- [Addition And Subtraction Of Fractions](#)

Chapter 8 Decimals

- [Introduction](#)
- [Tenths and Hundreths](#)
- [Convert Unlike Decimals to like decimals](#)
- [Using Decimals](#)
- [Addition Of Numbers With Decimals](#)
- [Subtraction Of Decimals](#)

Chapter 9 Data Handling

- [Introduction](#)
- [Recording Data](#)
- [Collection and Organisation of Data](#)
- [Pictograph Examples and Worksheets](#)
- [Interpretation of A Pictograph](#)
- [Drawing A Pictograph](#)
- [A Bar Graph](#)

Chapter 10 Mensuration

- [Introduction](#)
- [Perimeter of Closed Shapes](#)
- [Find Area of Plane Figures](#)

Chapter 11 Algebra

- Introduction
- Matchstick Patterns
- The Idea Of A Variable
- More Matchstick Patterns
- More Examples Of Variables
- Use Of Variables In Common Rules
- Expressions With Variables
- Using Expressions Practically
- What Is An Equation?
- Solution Of An Equation

Chapter 12 Ratio and Proportion

- Introduction
- [What is Ratio and Proportion](#)
- Unitary Method

Chapter 13 Ratio and Proportion

- Introduction
- Making Symmetric Figures: Ink-blot Devils
- Figures with Two Lines of Symmetry
- [Figures with Multiple \(more than two\) Lines of Symmetry](#)
- [Reflection and Symmetry](#)

Chapter 14 Practical Geometry

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- Introduction
- [Construction of a Circle](#)
- [Construction of a Line Segment](#)
- [Construction of a Perpendicular Bisector](#)
- [Construction of Angles using compass ruler](#)