

Math Grade 4

1. Whole Numbers, Operations, and Roman Numerals

- 1.1 Digits and Place Values of Whole Numbers
- 1.2 Place value and Expanded Form
- 1.3 Order Relation
- 1.4 Understanding Numbers Better
- 1.5 Addition of Whole Numbers
- 1.6 Subtraction of Whole Numbers
- 1.7 Multiplication of Whole Numbers
- 1.8 Division of Whole Numbers
- 1.9 Multiplying or Dividing whole numbers by powers of 10
- 1.10 Order of Operation
- 1.11 Roman Numerals

2. Factors and Multiples

- 2.1 Even and Odd Numbers
- 2.2 Factors
- 2.3 Multiples
- 2.4 Common Factors and Common Multiples
- 2.5 Rules of Divisibility
- 2.6 Prime and Composite Numbers
- 2.7 Prime Factorization

3. Fractions

- 3.1 Exploring Fractions
- 3.2 Types of Fractions
- 3.3 Building Equivalent Fractions
- 3.4 Reducing Fractions
- 3.5 Comparing and Arranging Like/Unlike Fraction
- 3.6 Addition of Fractions
- 3.7 Subtraction of Fractions
- 3.8 Addition and Subtraction of Mixed Numbers

4. Decimals

- 4.1 Digit and Place Value of Decimals
- 4.2 Conversion (Fraction-decimal), Short Form and Expanded Notation
- 4.3 Conversion (Unlike to Like), Comparing and Arranging Decimals
- 4.4 Addition and Subtraction of Decimals

5. Geometry: Curves, Polygons, and Circle

- 5.1 Curves and Polygons
- 5.2 Introduction: Triangles
- 5.3 Circles

6. Symmetry and Lines of Symmetry

- 6.1 Understanding Symmetry
- 6.2 Lines of Symmetry

7. Measurements: Basic Operations, Conversions, and Time

- 7.1 Addition and Subtraction of Measures
- 7.2 Measurement of Length
- 7.3 Measurement of Mass
- 7.4 Measurement of Capacity
- 7.5 Reading Time
- 7.6 Use of a.m. and p.m.
- 7.7 Conversion from one Unit to Another

8. Perimeter and Area: Rectangle and Square

- 8.1 Perimeter and Area of Rectangle and Square

9. Visualising Solid Shapes

- 9.1 Shapes

10. Data Handling

- 10.1 Pictographs
- 10.2 Bar Graphs

11. Algebra

- 11.1 Translate Phrases or Statements into Expressions or Equations
- 11.2 Evaluating Algebraic Expressions

12. Statistics and Probability

- 12.1 Mean, median, Mode and Range
- 12.2 Probability