

Detailed Contents

Chapter	Content	Activity/Worksheet
1. Numbers	<ul style="list-style-type: none"> Counting up to Crores Place Value Expanded Form and Short Form International System of Numeration Comparing Indian and International System of Numeration Predecessor and Successor Comparison and Ordering of Numbers Juggling with Numbers Rounding Off Numbers Word Problems 	<ul style="list-style-type: none"> Individual Activity—Conceptual Understanding, Thinking Skills
2. Four Operations	<ul style="list-style-type: none"> Addition Subtraction Word Problems on Addition and Subtraction Multiplication Division Word Problems on Multiplication and Division BODMAS Rule—Order of Operations 	<ul style="list-style-type: none"> Worksheet—Application of Concepts, Observation Skills
3. Factors and Multiples	<ul style="list-style-type: none"> Tests of Divisibility Highest Common Factor (HCF) Least Common Multiple (LCM) Word Problems 	<ul style="list-style-type: none"> Individual Activity—Observation Skills, Conceptual Understanding Worksheet—Application of Concepts, Observation Skills
4. Fractions—Addition and Subtraction	<ul style="list-style-type: none"> Fraction as Division Comparison of Unlike Fractions Ordering of Like Fractions Ordering of Unlike Fractions with Equal Numerator Ordering of Unlike Fractions with Unequal Denominator Addition and Subtraction of Fractions Addition and Subtraction of Whole Numbers and Fractions Addition and Subtraction of Mixed Fractions Simplification of Fractions Word Problems 	<ul style="list-style-type: none"> Group Activity—Team Spirit, Application of Concepts, Thinking Skills
5. Fractions—Multiplication and Division	<ul style="list-style-type: none"> Multiplication of Fractions with Whole Numbers Fraction of a Whole Number Multiplication of Two Fractions Multiplication of More Than Two Fractions Multiplication of Mixed Fractions Reciprocal of a Fraction Division of Fractions Word Problems 	<ul style="list-style-type: none"> Individual Activity—Application of Concepts, Observation Skills
6. Understanding Decimals	<ul style="list-style-type: none"> Place Value of Decimal Numbers Expanded Form of Decimal Numbers Reading Decimal Numbers Like and Unlike Decimals Converting Decimal Fractions to Decimal Numbers Converting Decimal Numbers to Fractions Comparison of Decimal Numbers 	<ul style="list-style-type: none"> Group Activity—Team Spirit, Conceptual Understanding

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Chapter	Content	Activity/Worksheet
7. Decimals—Four Operations	<ul style="list-style-type: none"> • Addition and Subtraction • Word Problems on Addition and Subtraction • Multiplication • Division • Word Problems on Multiplication and Division 	<ul style="list-style-type: none"> • Individual Activity—Application of Concepts, Observation Skills
8. Measurement	<ul style="list-style-type: none"> • Metric System • Expressing Given Units of Measurements as Decimals • Addition and Subtraction of Metric Measures • Multiplication and Division of Metric Measures • Word Problems 	<ul style="list-style-type: none"> • Pair Activity—Team Spirit, Application of Concepts, Observation Skills
9. Time, Temperature and Money	<ul style="list-style-type: none"> • Addition, Subtraction and Multiplication of Time • Reading Timetables—Bus and Railway • Word Problems • Temperature • Money • Bills 	<ul style="list-style-type: none"> • Individual Activity—Observation Skills, Conceptual Understanding
10. Profit and Loss and Unitary Method	<ul style="list-style-type: none"> • Profit and Loss • Unitary Method 	<ul style="list-style-type: none"> • Group Activity—Team Spirit, Conceptual Understanding
11. Percentage	<ul style="list-style-type: none"> • Converting Percentage to Fraction • Converting Percentage to Decimal • Converting Fraction to Percentage • Converting Decimal to Percentage • Percentage of a Number or a Quantity 	<ul style="list-style-type: none"> • Class Activity—Conceptual Understanding, Thinking Skills
12. Lines, Angles and Triangles	<ul style="list-style-type: none"> • Measuring Angles Using a Protractor • Construction of Angles Using a Protractor • Types of Lines • Triangle 	<ul style="list-style-type: none"> • Individual Activity—Conceptual Understanding, Observation Skills • Worksheet—Observation Skills, Thinking Skills
13. Perimeter, Area and Volume	<ul style="list-style-type: none"> • Perimeter • Area • Finding Area by Formula • Perimeter and Area • Volume 	<ul style="list-style-type: none"> • Pair Activity—Application of Concepts, Observation Skills
14. Circle	<ul style="list-style-type: none"> • Arc of a Circle • Drawing a Circle of the Given Radius • Measuring Circumference of a Circle • Relation between Diameter and Circumference 	<ul style="list-style-type: none"> • Individual Activity—Application of Concepts, Creativity
15. Data Handling	<ul style="list-style-type: none"> • Raw Data • Bar Graph • Pie Chart 	<ul style="list-style-type: none"> • Individual Activity—Creativity, Application of Concepts