

Detailed Contents

Chapter	Content	Activity/Worksheet
1. Numbers beyond 999	<ul style="list-style-type: none"> • 4-Digit Numbers • Counting by Thousands • Numbers and Number Names • Face Value and Place Value • Expanded Form and Short Form • Comparison of Numbers • Before, After and Between • Ordering of Numbers • Forming 4-Digit Numbers • Skip Counting • More Than and Less Than • Rounding Off Numbers • Even and Odd Numbers 	<ul style="list-style-type: none"> • Group Activity—Team Spirit, Conceptual Understanding • Worksheet—Application of Concepts, Observation Skills
2. Roman Numerals	<ul style="list-style-type: none"> • Symbols • Reading Roman Numerals • Roman Numerals up to 39 	<ul style="list-style-type: none"> • Group Activity—Team Spirit, Creativity, Application of Concepts
3. Addition	<ul style="list-style-type: none"> • Addition of Two 4-Digit Numbers (without carry over) • Addition of Two 4-Digit Numbers (with carry over) • Addition of Three 4-Digit Numbers • Addition Facts • Addition Using Expanded Form • Estimating the Sum (by rounded off) • Solving Word Problems • Framing Word Problems 	<ul style="list-style-type: none"> • Group Activity—Team Spirit, Conceptual Understanding
4. Subtraction	<ul style="list-style-type: none"> • Subtraction of 4-Digit Numbers (without borrowing) • Subtraction of 4-Digit Numbers (with borrowing) • Subtraction Facts • Checking Subtraction • Finding the Missing Digits • Estimating Differences • Solving Word Problems • Framing Word Problems 	<ul style="list-style-type: none"> • Worksheet—Observation Skills, Thinking Skills
5. Multiplication	<ul style="list-style-type: none"> • Multiplication Tables • Multiplication Facts • Patterns in Tables • Multiplication of 3-Digit Number by 1-Digit Number • Multiplication by 10, 100 and 1000 • Multiplication of Two 2-Digit Numbers • Estimating Products • Solving Word Problems • Framing Word Problems • Mixed Problems 	<ul style="list-style-type: none"> • Individual Activity—Thinking Skills, Conceptual Understanding • Worksheet—Observation Skills, Thinking Skills

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Chapter	Content	Activity/Worksheet
6. Division	<ul style="list-style-type: none">• Sharing by Grouping• Division as Repeated Subtraction• Properties of Division• Multiplication and Division Facts• Long Division• Concept of Remainder• Division of a 3-Digit Number by a 1-Digit Number• Solving Word Problems• Framing Word Problems	<ul style="list-style-type: none">• Worksheet— Conceptual Understanding, Observation Skills
7. Fractions	<ul style="list-style-type: none">• Numerator and Denominator• Some Common Fractions• Fraction of a Collection• Finding Fractions of a Collection• Word Problems	<ul style="list-style-type: none">• Pair Activity—Team Spirit, Observation Skills, Conceptual Understanding
8. Measurement	<ul style="list-style-type: none">• Length• Conversion of Units (m into cm, cm into m, km into m, m into km)• Weight• Conversion of Units (kg into g, g into kg)• Capacity• Conversion of Units (L into mL, mL into L)• Addition and Subtraction• Word Problems	<ul style="list-style-type: none">• Worksheet—Thinking Skills
9. Time	<ul style="list-style-type: none">• Seconds• Duration of Time• Calculating Time• Estimating Time• Calendar• Leap Year	<ul style="list-style-type: none">• Worksheet—Application of Concepts
10. Money	<ul style="list-style-type: none">• Money Conversion• Counting Money• Addition of Money• Subtraction of Money• Mixed Problems• Multiplication of Money• Division of Money• Word Problems• Calculating Rate Charts and Bills	<ul style="list-style-type: none">• Worksheet—Thinking Skills, Conceptual Understanding
11. Shapes and Patterns	<ul style="list-style-type: none">• Corners and Sides• Drawing Shapes on a Dot Grid• Reading the Position• Corners, Edges and Faces of Solid Figures• Patterns• Symmetry• Tilings• Tangrams	<ul style="list-style-type: none">• Individual Activity—Conceptual Understanding, Thinking Skills
12. Data Handling	<ul style="list-style-type: none">• Pictograph• Tally Marks	<ul style="list-style-type: none">• Individual Activity—Observation Skills, Interpretation