

MATHEMATICS TEXTBOOK 4

<p>Unit 1</p> <p>Understanding Numbers Through Thousands; Multiplication Fractions; Facts About Fractions Solving Word Problems; Finding Half of a Number Mentally Reading and Writing Decimals; Ordering Decimals With Tenths Placing Decimal Points; Subtraction in Word Problems Rounding Measurements; Changing Units of Measure Borrowing; Finding the Missing Part in Word Problems Metric Units of Length; Solving Two-Step Word Problems Multiplying and Carrying; Factors and Multiples; When to Add, When to Multiply Rounding to the Nearest Ten or Hundred; Finding Change Adding and Subtracting Mentally; Doubling Numbers Mentally Naming Lines; Mental Math Trails</p>	<p>Unit 2</p> <p>Naming Line Segments and Rays; Division Is the Opposite of Multiplication Doubling Large Numbers Mentally; More About Division Measuring Circles Parallel, Intersecting, and Perpendicular Adding and Subtracting Fractions; Division Steps Finding a Fraction of a Number; Factors Finding Digit Sums; Multiplying a Three-Digit Number and Carrying Place Value Through Millions Division With a Remainder Meaning of <i>Centi</i> and <i>Milli</i>; Carrying Mentally Checking Division; Multiplying Money Proper and Improper Fractions Counting by 12s to 144</p>	<p>Unit 3</p> <p>Digit Sums Shortcut; Changing From Smaller to Larger Units of Measure Two-Place Decimals; Rounding and Estimating to the Nearest Dollar Mixed Numbers and Improper Fractions Multiplying and Dividing by 10, 100, and 1,000 Multiplying by Two-Digit Numbers Finding Factors Using Divisibility Rules for 2, 5, and 10 Reading and Writing Numbers Through Millions; Estimating Sums and Differences Naming Triangles Five Steps in Long Division Multiplying Two-Digit Numbers by Tens Checking Multiplication; Common Solids Checking Addition and Subtraction; Gram, Kilogram, and Metric Ton One Fourth Inch</p>	<p>Unit 4</p> <p>Changing Mixed Numbers to Improper Fractions Finding Factors Using Divisibility Rules for 3 and 9 Perimeter and Area; Time Patterns Area of Squares and Rectangles; Looking for Addends That Equal 10 Using Digit Sums to Check Multiplication Multiplying Decimals by 10 or 100 Congruent and Similar Figures; Counting by 11s to 132 Reading Dials Three-Digit Dividends, Two-Digit Quotients Equal Decimals Writing Remainders as Fractions Finding Factors Using Multiples of 4, 6, 7, and 8</p>	<p>Unit 5</p> <p>Ordering Decimals With Hundredths; Common Factors Multiplying Three Factors Volume Changing Improper Fractions to Whole or Mixed Numbers Reducing Fractions Making Equal Fractions Borrowing Mentally Rounding in the Middle of a Number Measuring Volume Making Equal Fractions With a Given Denominator Types of Graphs Pictographs That Show Halves Making a Pictograph</p>
<p>Unit 6</p> <p>Keys to Finding Common Factors Introducing Circumference of a Circle Ratios Compare Measurements Finding Circumference Using Diameter Reducing Fractions and Improper Fractions to Simplest Form Ratios Compare Amounts Using Digit Sums to Check Addition; Multiplication Facts of 12 Counting Across Zero Multiplying Three-Digit Numbers by Two-Digit Numbers Area of Triangles Rounding Numbers With Nine One Minus a Fraction Special Temperatures; Counting by Sixteens</p>	<p>Unit 7</p> <p>Counting Zeros to Multiply Rounding Tenths to Whole Numbers Types of Angles Making a Bar Graph Expressions and Variables; Analogies Estimating Multiplication; Multiplication Facts of 11 Adding or Subtracting Mixed Numbers; If/Then Statements Rounding Numbers With Two Nines Multiplying Three-Digit Numbers by Three-Digit Numbers Comparing Positive and Negative Numbers Simplifying Expressions Simplifying Mixed Numbers With Improper Fractions Writing Dates With Numbers; What Would Equal 100?</p>	<p>Unit 8</p> <p>Simplifying Expressions in the Right Order Adding and Subtracting Mixed Numbers and Whole Numbers Lowest Common Multiple Finding the Vertex and Naming Angles Simplifying Expressions With Parentheses Adding and Subtracting Time A Quicker Way to Find LCM Finding Numbers That Equal 100 Three-Digit Quotients Borrowing to Subtract Fractions Using a Protractor Using Digit Sums to Check Subtraction Expanding Numbers Vertically; Subtracting From 100</p>	<p>Unit 9</p> <p>Metric Units for Liquids; Drawing Angles Division With 0 in the Quotient Adding Time With Carrying Making a Line Graph Squaring a Number Subtracting Time With Borrowing Finding Averages Measuring to the Eighth-Inch Congruent Angles Finding Square Roots; Dividing Money Sets Metric Units of Length With Decimals Drawing Congruent Angles</p>	<p>Unit 10</p> <p>Metric Units for Liquids With Decimals Rounding to the Nearest Fourth-Inch Sets With Many Members Prime and Composite Numbers Keys to Finding Prime Numbers One Half and Tenths One Half and Hundredths The Square Root Symbol Dry Food Measures Symmetry and Asymmetry; Symmetrical Patterns Completing Symmetrical Shapes Finding Places on a Grid Scale Drawing on a Grid</p>