

MATHEMATICS TEXTBOOK 7

<p>Unit 1</p> <p>Number Properties; Focusing on Facts; Identifying and Locating Points on a Grid</p> <p>Simplifying Expressions; Adding and Subtracting Fractions</p> <p>Identifying Parts of a Solid; Combining Integers</p> <p>Dividing Whole Numbers</p> <p>Understanding Exponents; Multiplying Fractions</p> <p>Converting From Ratios to Decimals, Percents, or Fractions</p> <p>Solving Word Problems</p> <p>Finding Prime Factors</p> <p>Solving and Checking Equations</p> <p>Simplifying Expressions by Substituting Variables With Numbers; Dividing Fractions</p> <p>Converting Percents Greater Than 100%; Naming, Measuring, and Classifying Angles</p> <p>Simplifying Expressions by Combining Like Terms; The Distributive and Associative Properties</p> <p>Identifying Quadrilaterals</p>	<p>Unit 2</p> <p>Dividing Decimals; Identifying Parts of a Circle</p> <p>Dividing to Solve Equations; Finding a Percent of a Number and Computing Sales Tax</p> <p>Formulas for the Area of Polygons; Converting Fractions to Decimals</p> <p>Making a Tally Chart</p> <p>Repeating Decimal Quotients; Formula for Perimeter and Volume</p> <p>Using Prime Factors to Find Greatest Common Factor; Converting Mixed Number Percents to Decimals</p> <p>Formula for the Circumference of a Circle; Using Proportions to Convert U.S. Measures</p> <p>Dividing to Solve Two-Step Equations</p> <p>Finding the Area of Irregular Shapes</p> <p>Subtracting Integers</p> <p>Classifying Triangles by Angles and Sides</p> <p>Multiplying to Solve Equations</p> <p>Using Proportions to Solve Percent Problems</p>	<p>Unit 3</p> <p>Formula for the Area of a Circle</p> <p>Multiplying Expressions That Include Variables</p> <p>Calculating Discount and Sale Prices</p> <p>Building Bar Graphs</p> <p>Finding the Missing Dimension for the Area and the Perimeter of a Rectangle</p> <p>Solving Equations With Fractional Solutions; Adding, Subtracting, and Multiplying Mixed Units of Measure</p> <p>Finding Commission</p> <p>Using a Proportion to Convert Between Miles and Kilometers</p> <p>Formula for the Area of a Trapezoid</p> <p>Rounding Mixed Numbers to the Nearest Whole Number</p> <p>Equations, Inequalities, and Variables</p> <p>Dividing Mixed Measures</p> <p>Converting Fractional Percents to Decimals</p>	<p>Unit 4</p> <p>Measuring Angles of a Triangle</p> <p>Multiplying to Solve Two-Step Equations</p> <p>Solving Percent Word Problems With Remainders; Decimal and Percent Equivalents for Eighths</p> <p>Building Pictographs</p> <p>Identifying Congruent and Similar Figures</p> <p>Solving Inequalities</p> <p>Simplifying Expressions and Solving Equations</p> <p>Using Proportions to Convert Between Gallons and Liters</p> <p>Honesty in Graphing Information</p> <p>Graphing Solutions ($=, <, >$)</p> <p>Using Fractional Equivalents of Percents in Word Problems</p> <p>Constructing Congruent Line Segments</p> <p>Finding Missing Angle Measurements in Triangles</p>	<p>Unit 5</p> <p>Combining Numbers and Words to Express Large Numbers</p> <p>Formula for the Volume of a Triangular Prism</p> <p>Order of Operations With Exponents and Square Roots</p> <p>Building Line Graphs</p> <p>Identifying Reflex Angles</p> <p>Using Exponents to List Prime Factors</p> <p>Calculating Depreciation</p> <p>Using Proportions to Convert Between Pounds and Kilograms</p> <p>Calculating Unit Price to the Nearest Cent</p> <p>Graphing Solutions (\geq, \leq)</p> <p>Calculating the Amount of Increase or Decrease</p> <p>Formula for the Volume of a Cylinder</p> <p>Simplifying Complex Fractions</p>
<p>Unit 6</p> <p>Constructing Congruent Angles</p> <p>Multiplying Numbers When the Signs Are Different</p> <p>The Cost of Installment Buying</p> <p>Reading Circle Graphs and Calculating Sector Percents</p> <p>Finding Any Missing Dimension</p> <p>Multiplying Numbers When the Signs Are the Same</p> <p>Rules for Exponents of 1 and 0</p> <p>Using a Proportion to Convert Between Inches and Centimeters</p> <p>Using Proportions to Solve Fraction Questions</p> <p>Identifying Complementary and Supplementary Angles</p> <p>Dividing Negative Numbers</p> <p>Multiplying Variables With Exponents</p> <p>Using the Formula to Find Distance</p>	<p>Unit 7</p> <p>Bisecting an Angle</p> <p>Translating Words to Numbers and Symbols</p> <p>Combining Like Terms to Simplify and Solve Equations</p> <p>Calculating Degrees for Circle Graph Sectors</p> <p>Identifying Polyhedra and Their Nets</p> <p>Choosing Equations for Word Problems</p> <p>Finding Mean, Median, and Mode</p> <p>Using a Proportion to Convert Between Yards and Meters</p> <p>Finding the Surface Area of a Prism</p> <p>Interest on Savings and Loans</p> <p>Using the Distributive Property to Simplify and Solve Equations</p> <p>Calculating the Percent of Increase and Decrease</p> <p>Writing Negative Exponents as Decimals</p>	<p>Unit 8</p> <p>Bisecting a Line Segment</p> <p>Symbols for Sets</p> <p>Calculating Interest for Months</p> <p>Histograms</p> <p>Using the Distance Formula to Find Rate and Time; Finding the Range of a Set of Data</p> <p>Venn Diagrams for Universal Sets, Sets, and Subsets</p> <p>Dividing Variables With Exponents</p> <p>Converting Between Teaspoons and Milliliters</p> <p>Finding Complements, Supplements, and Opposites</p> <p>Points on a Coordinate Plane</p> <p>Using Powers of Ten to Expand Numbers</p> <p>Converting Bible Measures of Length</p> <p>Using Prime Factorization to Find the LCM</p>	<p>Unit 9</p> <p>Constructing Parallel Lines</p> <p>Making a Table of Values</p> <p>Calculating Operating Expenses</p> <p>Choosing Appropriate Graphs to Display Data</p> <p>Venn Diagram for Intersection of Sets</p> <p>Graphing Linear Relations</p> <p>Disjoint Sets and the Empty Set</p> <p>Converting Bible Measures of Capacity to Standard Measures</p> <p>Complement of a Set</p> <p>Map Scales Using a Proportion</p> <p>Changing Standard Form to Scientific Notation</p> <p>Converting Between Celsius and Fahrenheit Temperatures</p> <p>U.S. and Metric Land Area Measures</p>	<p>Unit 10</p> <p>Constructing a Perpendicular Line From a Point to a Line</p> <p>Graphing Linear Equations</p> <p>Changing Scientific Notation to Standard Form</p> <p>Reading Double Line Graphs</p> <p>Converting Bible Measures to Standard Measures</p> <p>Identifying Diagonals of Polygons</p> <p>Special Sets of Numbers</p> <p>Using Prime Factorization to Reduce Fractions</p> <p>Comparing Old Testament Shekels and Talents</p> <p>Twenty-Four-Hour Digital Time</p> <p>Using a Proportion to Find the Actual Size of a Scale Drawing</p> <p>The Relationship of Volume to Capacity in the Metric System</p> <p>Using Reflection to Construct a Congruent Figure</p>