

CHAPTER 1: WHOLE NUMBERS

Unit 1: Number Concepts	A: Place Value
	B: Rounding
Unit 2: Addition and Subtraction	A: Addition
	B: Subtraction
	C: Estimating Sums and Differences
	D: Addition and Subtraction Word Problems
Unit 3: Multiplication and Division	A: Multiplication
	B: Exponents
	C: Division
	D: Estimating Products and Quotients
	E: Multiplication and Division Word Problems
Unit 4: Properties and Rules	A: Order of Operations
	B: Addition Properties
	C: Multiplication Properties

CHAPTER 2: INTEGERS

Unit 1: Integers and The Number Line	A: Graphing and Writing Integers
	B: Comparing Integers
	C: Opposites and Absolute Value
Unit 2: Integer Operations	A: Addition
	B: Subtraction
	C: Multiplication
	D: Division
	E: Order of Operations
	F: Word Problems

CHAPTER 3: EXPRESSIONS & EQUATIONS

Unit 1: Variables and Expressions	A: Variables
	B: Evaluating Expressions
	C: Combining Like Terms
	D: The Distributive Property
	E: Distributive / Like Terms
Unit 2: One-Step Equations	A: Introduction to Equations
	B: Addition Equations
	C: Subtraction Equations
	D: Multiplication Equations
	E: Division Equations
	F: Writing and Solving Equations
Unit 3: Multi-Step Equations	A: Two-Step Equations
	B: Equations with the Variable on Both Sides
	C: Equations with the Distributive Property
	D: Modeling Two-Step Equations
	E: Variable on Both Sides / Distributive
	F: Number Problems

CHAPTER 4: FRACTIONS

Unit 1: Factors and Multiples	A: Divisibility Rules
	B: Factors and Primes
	C: Prime Factorization
	D: Multiples and Least Common Multiples
	E: Greatest Common Factor
Unit 2: Fractions and Mixed Numbers	A: Introduction to Fractions
	B: Equivalent Fractions (Part I)
	C: Lowest Terms
	D: Equivalent Fractions (Part II)
	E: Improper Fractions and Mixed Numbers
Unit 3: Comparing Fractions	A: Comparing Proper Fractions
	B: Comparing Mixed Numbers and Improper Fractions
	C: Word Problems
Unit 4: Addition and Subtraction	A: Adding and Subtracting Like Fractions
	B: Adding and Subtracting Unlike Fractions
	C: Adding Mixed Numbers

	D: Subtracting Mixed Numbers
	E: Addition and Subtraction
Unit 5: Multiplication and Division	A: Multiplying Fractions
	B: Multiplying Mixed Numbers
	C: Dividing Fractions
	D: Dividing Mixed Numbers
	E: Multiplication and Division
	F: Order of Operations
Unit 6: Equations with Fractions	A: Equations with Fractions
	B: Variable on Both Sides / Fractions

CHAPTER 5: DECIMALS

Unit 1: Decimal Concept	A: Understanding Decimals
	B: Converting Decimals to Fractions
	C: Converting Fractions to Decimals
	D: Comparing Decimals
	E: Rounding Decimals
	F: Word Problems
Unit 2: Addition and Subtraction	A: Estimating Sums and Differences
	B: Adding Decimals
	C: Subtracting Decimals
	D: Word Problems
Unit 3: Multiplication and Division	A: Multiplying Decimals by Whole Numbers
	B: Multiplying Decimals by Decimals
	C: Dividing Decimals by Whole Numbers
	D: Dividing Decimals by Decimals
	E: Word Problems
Unit 4: Scientific Notation	A: Powers of Ten
	B: Converting from Scientific to Standard Notation
	C: Converting from Standard to Scientific Notation

CHAPTER 6: RATIO, PROPORTION, & PERCENT

Unit 1: Ratio	A: Introduction to Ratios
	B: Equal Ratios
	C: Unit Rate
	D: Unit Price
Unit 2: Proportion	A: Introduction to Proportion
	B: Solving Proportions
	C: Word Problems
Unit 3: Percent Concept	A: Understanding Percents
	B: Fractions and Percents
	C: Decimals and Percents
Unit 4: Percent Problems	A: Percent of a Number
	B: Percent One Number is of Another
	C: Using Percent to Find a Number
	D: Percent Increase or Decrease
Unit 5: Percent Applications	A: Discount
	B: Sales Tax
	C: Interest

CHAPTER 7: GEOMETRY

Unit 1: Lines and Angles	A: Points, Lines, Segments, and Rays
	B: Classifying Lines
	C: Angles
	D: Complementary and Supplementary Angles
Unit 2: 2-Dimensional Figures	A: Angles of a Triangle
	B: Sides of a Triangle
	C: Polygons
	D: Quadrilaterals
	E: Circles
Unit 3: 3-Dimensional Figures	A: Classifying 3-Dimensional Figures
Unit 4: Congruent and Similar Figures	A: Congruent Figures
	B: Similar Figures
	C: Problem Solving with Similar Figures

CHAPTER 8: MEASUREMENT

Unit 1: Units of Measurement	A: Customary Unit Conversions
	B: Metric Unit Conversions
	C: Units of Measurement

Unit 2: Perimeter and Circumference

A: Perimeter

B: Circumference

C: Word Problems

Unit 3: Area

A: Area of Squares and Rectangles

B: Area of Triangles

C: Area of Parallelograms and Trapezoids

D: Area of a Circle

E: Word Problems

Unit 4: Surface Area and Volume

A: Surface Area

B: Volume of Prisms and Pyramids

C: Volume of Cylinders, Spheres, and Cones

D: Word Problems

Unit 5: Right Triangles

A: Square Roots

B: Using Square Roots to Solve Equations

C: Pythagorean Theorem

D: Pythagorean Triples

CHAPTER 9: GRAPHS, CENTRAL TENDENCY, & PROBABILITY

Unit 1: Common Graphs and Charts

A: Pictographs and Line Plots

B: Bar Graphs

C: Line Graphs

D: Circle Graphs

E: The Coordinate Grid

F: Graphing Lines

Unit 2: Central Tendency

A: Range, Median, and Mode

B: Mean

C: Word Problems

Unit 3: Probability

A: Simple Probability

B: Experimental Probability

C: Probability of Independent Events