

Math II (Traditional 7th Grade)

Chapter 3 - Integers

Integers and Absolute Value

Adding Integers

Subtracting Integers

Multiplying Integers

Dividing Integers

Chapter 4 - Rational Numbers

Terminating and Repeating Decimals

Compare and Order Rational Numbers

Add and Subtract Fractions

Add and Subtract Unlike Fractions

Add and Subtract Mixed Numbers

Multiply Fractions

Convert Between English and Metric Systems

Divide Fractions

Chapter 1 - Ratios and Proportional Reasoning

Unit Rates

Fractions as Unit Rates

Converting Unit Rates

Proportional and Nonproportional Relationships

Graph Proportional Relationships

Solve Proportions

Constant Rate of Change

Slope

Direct Variation

Chapter 2 - Percents

Percents

Estimating Percents

Percent Proportions

Percent Equations

Percent Change

Sales Tax, Tips, and Markup

Discounts

Simple Interest

Chapter 5 - Expressions

Algebraic Expressions w/ Substitution

Sequences before rate of change

Properties/Order of Operations

Distribute

Combine Like Terms

Factor Linear Expressions

Chapter 6 - Equations and Inequalities

Solve 1 Step Equations - Add and Subtract

Solve Equations with Fraction and Decimal Coefficients

Solve 2 Step Equations

Solve 2 Step Equations with Distribution

Solve Inequalities

Chapter 7 - Geometric Figures

Classify Angles

Complementary and Supplementary Angles

Classifying Triangles - Interior angles of triangles

Scale Factor

Draw 3 dimensional Figures

Chapter 8 - Measure Figures

Circumference

Area of Circles

Area of Composite Figures

Volume of Prisms

Volume of Pyramids

Surface area of Prisms

Surface Area of pyramids

Volume and surface area of composite figures

Chapter 9 - Probability

Probability of Simple Events

Theoretical and Experimental Probability

Probability of compound events

Simulations

Fundamental Counting Principle

Permutations

Independent and Dependent Events

Chapter 10 - Statistics

Make predictions

Bias and unbiased samples

Misleading graphs and statistics

Compare populations

Select an appropriate display