

Math I (Traditional 6th Grade)

Chapter 3

Add and Subtract Decimals

Estimating Products

Multiplying Decimals by Whole Numbers

Multiply Decimals by Decimals

Divide Multi Digit Numbers

Estimate Quotients

Divide Decimals by Whole Numbers

Divide Decimals by Decimals

Chapter 4

Estimate Products of Fractions

Multiply Fractions and Whole Numbers

Multiply Fractions

Multiplying Mixed Numbers

Convert Measurement Units

Divide Whole Numbers by Fractions

Divide Fractions

Divide Mixed Numbers

Chapter 2

Convert Decimals and Fractions

Convert Percents and Fractions

Convert Percents and Decimals

Percents Greater than 100% and Less than 1%

Compare and order Fractions, Decimals, and Percents

Estimate with Percents

Percent of a Number (focus on conceptual not procedure)

Solve Percent Problems

Chapter 1

Factors and Multiples

Ratios

Rates

Ratio Tables

Graphing Ratio Tables

Equivalent Ratios

Ratio and Rate Problems

Chapter 5

Integers and Graphing

Absolute Value

Compare and Order Integers

Terminating and Repeating Decimals

Compare and Order Rational Numbers

Coordinate Plane

Graphing on the Coordinate Plane

Chapter 11

Mean

Median and Mode

Measures of Variation

Mean Absolute Deviation

Appropriate Measure

Chapter 12

Line Plots

Histograms

Box Plots

Shape of Data Distributions

Interpret Line Graphs

Select Appropriate Displays

Chapter 6**Powers and Exponents****Numerical Expressions****Algebra: Variables and Expressions****Algebra: Write Expressions****Algebra: Properties****Distributive Property****Equivalent Expression****Chapter 7****Equations****Solve and Write Addition Equations****Solve and Write Subtractions Equations****Solve and Write Multiplication Equations****Solve and Write Division Equations****Chapter 8**

Function Tables

Function Rules

Functions and Equations

Multiple Representations of Functions

Inequalities

Write and Graph Inequalities

Solve One Step Inequalities

Chapter 9**Area of Parallelograms****Area of Triangles****Area of Trapezoids****Changes in Dimensions****Polygons on the Coordinate Plane**

Area of Composite Figures

<u>Chapter 10 (If time allows)</u>
<i>Volume of Rectangular Prisms</i>
<i>Volume of Triangular Prisms</i>
<i>Surface area of Rectangular Prisms</i>
<i>Surface area of Triangular Prisms</i>
<i>Surface Area of Pyramids</i>