

# Math 61 Refresher Course Content

## 1. Whole Numbers

- [Section 1.1: Reading and Writing Whole Numbers](#)
- [Section 1.2: Adding Whole Numbers](#)
- [Section 1.3: Subtracting Whole Numbers](#)
- [Section 1.4: Multiplying Whole Numbers](#)
- [Section 1.5: Dividing Whole Numbers](#)
- [Section 1.6: Long Division](#)
- [Section 1.7: Rounding Whole Numbers](#)
- [Section 1.8: Exponents, Roots, and Order of Operations](#)
- [Section 1.9: Reading Pictographs, Bar Graphs, and Line Graphs](#)
- [Section 1.10: Solving Application Problems](#)

## 2. Multiplying and Dividing Fractions

- [Section 2.1: Basics of Fractions](#)
- [Section 2.2: Mixed Numbers](#)
- [Section 2.3: Factors](#)
- [Section 2.4: Writing a Fraction in Lowest Terms](#)
- [Section 2.5: Multiplying Fractions](#)
- [Section 2.6: Applications of Multiplication](#)
- [Section 2.7: Dividing Fractions](#)
- [Section 2.8: Multiplying and Dividing Mixed Numbers](#)

## 3. Adding and Subtracting Fractions

- [Section 3.1: Adding and Subtracting Like Fractions](#)
- [Section 3.2: Least Common Multiples](#)
- [Section 3.3: Adding and Subtracting Unlike Fractions](#)
- [Section 3.4: Adding and Subtracting Mixed Numbers](#)
- [Section 3.5: Order Relations and the Order of Operations](#)

## 4. Decimals

- [Section 4.1: Reading and Writing Decimals](#)
- [Section 4.2: Rounding Decimals](#)
- [Section 4.3: Adding and Subtracting Decimals](#)
- [Section 4.4: Multiplying Decimals](#)
- [Section 4.5: Dividing Decimals](#)
- [Section 4.6: Writing Fractions and Decimals](#)

5. Ratio and Proportion

**Section 5.1: Ratios**

**Section 5.2: Rates**

**Section 5.3: Proportions**

**Section 5.4: Solving Proportions**

**Section 5.5: Solving Application Problems with Proportions**

6. Percent

**Section 6.1: Basics of Percent**

**Section 6.2: Percents and Fractions**

**Section 6.3: Using the Percent Proportion and Identifying the Components in a Percent Problem**

**Section 6.4: Using Proportions to Solve Percent Problems**

**Section 6.5: Using the Percent Equation**

**Section 6.6: Solving Application Problems with Percent**

**Section 6.7: Simple Interest**

**Section 6.8: Compound Interest**