

## TABLE OF CONTENTS

### 00: Front Matter

- TitlePage
- InfoPage
- Table of Contents
- Licensing

### 21.1: Decimals Fractions and Percents

- 21.1.1: Comparing Fractions, Decimals, and Percents
- 21.1.2: Converting Between Fractions, Decimals and Percents
- 21.1.3: Decimals- Rounding and Scientific Notation
- 21.1.4: Using Fractions, Decimals and Percents to Describe Charts

### 21.2: The Number Line

- 21.2.1: Distance between Two Points on a Number Line
- 21.2.2: Plotting Points and Intervals on the Number Line
- 21.2.3: Represent an Inequality as an Interval on a Number Line
- 21.2.4: The Midpoint

### 21.3: Operations on Numbers

- 21.3.1: Area of a Rectangle
- 21.3.2: Factorials and Combination Notation
- 21.3.3: Order of Operations
- 21.3.4: Order of Operations in Expressions and Formulas
- 21.3.5: Perform Signed Number Arithmetic
- 21.3.6: Powers and Roots
- 21.3.7: Using Summation Notation

### 21.4: Sets

- 21.4.1: Set Notation
- 21.4.2: The Complement of a Set
- 21.4.3: The Union and Intersection of Two Sets
- 21.4.4: Venn Diagrams

### 21.5: Expressions, Equations and Inequalities

- 21.5.1: Evaluate Algebraic Expressions
- 21.5.2: Inequalities and Midpoints
- 21.5.3: Solve Equations with Roots
- 21.5.4: Solving Linear Equations in One Variable

### 21.6: Graphing Points and Lines in Two Dimensions

- 21.6.1: Finding Residuals
- 21.6.2: Find the Equation of a Line given its Graph
- 21.6.3: Find y given x and the Equation of a Line
- 21.6.4: Graph a Line given its Equation

- [21.6.5: Interpreting the Slope of a Line](#)
- [21.6.6: Interpreting the y-intercept of a Line](#)
- [21.6.7: Plot an Ordered Pair](#)

[Index](#)

[Glossary](#)

[Detailed Licensing](#)