

TABLE OF CONTENTS

About this Book

1: Decimals Fractions and Percents

- 1.1: Decimals- Rounding and Scientific Notation
- 1.2: Converting Between Fractions, Decimals and Percents
- 1.3: Comparing Fractions, Decimals, and Percents
- 1.4: Using Fractions, Decimals and Percents to Describe Charts

2: The Number Line

- 2.1: Plotting Points and Intervals on the Number Line
- 2.2: Distance between Two Points on a Number Line
- 2.3: Represent an Inequality as an Interval on a Number Line
- 2.4: The Midpoint

3: Operations on Numbers

- 3.1: Perform Signed Number Arithmetic
- 3.2: Order of Operations
- 3.3: Powers and Roots
- 3.4: Order of Operations in Expressions and Formulas
- 3.5: Using Summation Notation
- 3.6: Area of a Rectangle
- 3.7: Factorials and Combination Notation

4: Expressions, Equations and Inequalities

- 4.1: Evaluate Algebraic Expressions
- 4.2: Solving Linear Equations in One Variable
- 4.3: Solve Equations with Roots
- 4.4: Inequalities and Midpoints

5: Graphing Points and Lines in Two Dimensions

- 5.1: Plot an Ordered Pair
- 5.2: Find y given x and the Equation of a Line
- 5.3: Find the Equation of a Line given its Graph
- 5.4: Graph a Line given its Equation
- 5.5: Interpreting the Slope of a Line
- 5.6: Interpreting the y -intercept of a Line
- 5.7: Finding Residuals

6: Sets

- 6.1: Venn Diagrams
- 6.2: Set Notation
- 6.3: The Complement of a Set
- 6.4: The Union and Intersection of Two Sets

[Index](#)

[Glossary](#)