

Lesson	Part	Guided Notes	Practice 1	Practice 2	Mastery Check	Lesson Test	Targeted Review
1 The Language of Algebra	A	Real Numbers					
	B	Algebraic Properties					
2 Solving Equations	A	Multi-Step Equations					
	B	Equations with Special Cases					
3 Solving Absolute Value Equations	A	Absolute Value Equations					
	B	Multi-Step Absolute Value Equations					

Unit Test I

Date

Score

Lesson Objectives

**Lesson 1: Part A**

- Identify numbers as real, rational, integers, whole, natural, and/or irrational.
- Draw a scaled number line showing numbers and approximate numbers.
- Explain why
  - a rational number + a rational number = a rational number
  - a rational number + an irrational number = an irrational number
  - an irrational number · an irrational number = an irrational number

**Lesson 1: Part B**

- Determine when an absolute value equation has no solution or is an identity.

**Lesson 2: Part A**

- Identify algebraic properties within an equation or scenario.
- Use algebraic properties to explain the steps in an expression or equation.

**Lesson 2: Part B**

- Solve and graph solutions for single-variable compound inequalities.
- Solve and graph solutions for single-variable inequalities that contain absolute value.
- Identify inequalities containing absolute value as having no solution or as true for all real numbers.

**Lesson 3: Part A**

- Solve a multi-step equation.
- Use substitution to prove your solutions are correct.
- When given a problem with defined variables, write a single-variable equation.
- When given an equation that has more than one variable, solve for a specific variable.

**Lesson 3: Part B**

- Determine equivalent ratios.
- Solve a proportion using cross-products.

Lesson	Part	Guided Notes	Practice 1	Practice 2	Mastery Check	Lesson Test	Targeted Review
4 Solving Inequalities	A Single-Variable Inequalities						
	B Compound Inequalities						
5 Ratios, Proportions, and Rates	A Ratios and Proportions						
	B Unit Conversions						
6 Understanding Data	A Data Calculations						
	B Interpreting Data						

Unit Test I Date  Score

**Lesson Objectives**

**Lesson 4: Part A**

- Identify numbers as real, rational, integers, whole, natural, and/or irrational.
- Draw a scaled number line showing numbers and approximate numbers.
- Explain why
  - a rational number + a rational number = a rational number
  - a rational number + an irrational number = an irrational number
  - an irrational number · an irrational number = an irrational number

**Lesson 5: Part A**

- Identify algebraic properties within an equation or scenario.
- Use algebraic properties to explain the steps in an expression or equation.

**Lesson 6: Part A**

- Rewrite equations with rational coefficients to integer coefficients before solving.
- Determine that an equation has no solution or is an identity.

**Lesson 4: Part B**

- Determine when an absolute value equation has no solution or is an identity.

**Lesson 5: Part B**

- Solve and graph solutions for single-variable compound inequalities.
- Solve and graph solutions for single-variable inequalities that contain absolute value.
- Identify inequalities containing absolute value as having no solution or as true for all real numbers.

**Lesson 6: Part B**

- Convert units for a value using a single conversion.
- Convert units for a value using multiple conversions.
- Convert compound units for a value.