

**Unit Topic** Expressions and Equations

**Standards** M07.B-E.1.1; M07.B-E.2.1; M07.B-E.2.2; M07.B-E.2.3

**Unit Essential Question**

**Lesson 1 Focus**  
Linear Expressions

**Standards**  
M07.B-E.1.1.1

**Students Will Know... (Key Vocabulary)**  
Like terms, Linear expressions, Factor

**Students Will Be Able To...**  
Simplify expressions by:  
1. Combining like terms.  
2. Distributing negatives through parentheses.  
3. Using the distributive property.  
4. Factoring out the GCF.

**Lesson Essential Question 1**

How can the properties of operations be applied to simplify linear expressions?

**Lesson 2 Focus**  
Multi-Step Real World Problems

**Standards**  
M07.B-E.2.1.1; M07.B-E.2.3.1

**Students Will Know... (Key Vocabulary)**  
Fraction/Decimal/Percent Equivalents, reasonableness

**Students Will Be Able To...**  
1. Solve problems that involve parts of a number including fractions, decimals and percents.  
2. Determine the reasonableness of answer.

**Lesson Essential Question 2**

How will knowing the fraction/decimal/percents equivalents help to solve multi-step real world problems?

**Lesson 3 Focus**  
Symbolize and Solve Equations

**Standards**  
M07.B-E.2.2.1

**Students Will Know... (Key Vocabulary)**  
Equations, inverse operations

**Students Will Be Able To...**  
1. Use variables in equations to symbolize word problems.  
2. Solve one-step equations.  
3. Solve two-step equations.

**Lesson Essential Question 3**

What is the process for symbolizing and solving equations?

**Lesson 4 Focus**  
Symbolize and Solve Inequalities

**Standards**  
M07.B-E.2.2.2

**Students Will Know... (Key Vocabulary)**  
Inequality

**Students Will Be Able To...**  
1. Use variables in inequalities to symbolize word problems.  
2. Solve one-step inequalities.  
3. Solve two-step equations.

**Lesson Essential Question 4**

What is the process for symbolizing and solving inequalities?

**Lesson 5 Focus**

**Standards**

**Students Will Know... (Key Vocabulary)**

**Students Will Be Able To...**

**Lesson Essential Question 5**

**Major Unit Assignment** Test

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