Unit 1B: Linear Equations

**KEY TERMS**
- Equivalent
- Expression
- Linear Equation
- Variable
- Inverse Operations
  - Such as...
  - Combine Like Terms
  - Distributive Property
  - Multiply/Divide
  - Add/Subtract
  - using...
- Integer Rules &
- Rational Numbers

**WHY is this Unit IMPORTANT?**
This unit is important because we can use context clues to help us estimate real life problems. By using key words, we can translate the words into numbers, to help us problem solve most any situation (banking & shopping, etc...). This can help us figure interest, tax, and discounts quickly.

**ESSENTIAL QUESTIONS ???**
- What are the properties of equations & how do I apply them to solving linear equations?
- How do I determine and solve linear equations with answers of one solution, zero, no solution (undefined), and infinitely many solutions?
- What factors do you consider when formulating a plan to solve an equation using variables and the distributive property?

**CCGPS STANDARDS - Summary**
MCC8-EE7: Solving Linear Equations with One-Variable (Lesson 9 & 10)
- a. Transforming equations into simpler forms showing one solution, infinitely many solutions, or no solution.
- b. Solving linear equations w/ rational number coefficients, using distributive property & combining like terms.