Unit 2- Accentuate the Negative STUDY GUIDE
Investigation 2: Adding and Subtracting Rational Numbers

Things we need to know:
- **Additive inverses** are numbers such as -50 and 50
  - Their sum is zero
- Zero is the **additive identity** for rational numbers
  - Adding zero to a number does not change the value of the number
- Know the algorithms for adding and subtracting positive and negative numbers
- Know the **absolute value** to find the difference between two points on the number line
  - You can write two absolute value expressions to represent the distance between 25 and 80:
    \[ |25 - 80| \text{ and } |80 - 25| \]
- Know how to rewrite fractions in order from least to greatest
- Know how to find the value of \( n \) in an equation