Algebra 1 Midterm Review Topics

- Number Systems
- Rational/Irrational Numbers
- PEMDAS
- Rates/Patterns/Problem Solving
- Factoring
- Exponent Rules
- Double Distribution (FOIL)
- English to Algebra Problems
- Equations vs. Expressions
- Solving Equations with Like Terms
- Solving Equations with Fractions
- Linear Word Problems
- Consecutive Integers
- Solving Equations with Only Variables
- Inequalities!
- Compound Inequalities
- Plotting Inequalities on a Number Line
- Basic Functions
- Function Notation
- Graphs of Functions
- Identifying Graphs of Functions
- Functions Using the Graphing Calculator
- Average Rate of Change
- Domain and Range
- Proportional Relationships
- Non-proportional Relationships
- SLOPE!
- Graphing Lines
- Slope Intercept Form
- Modeling Linear Functions
- Horizontal and Vertical Lines
- Absolute Value and Step Functions
- SYSTEMS OF EQUATIONS (Graphing, Substitution, Elimination)
- Graphing Linear Inequalities