**Outline for Math 9 Final**

Similarity (Chapter 4)

* Determine if two objects are similar
* Solve for missing values when objects are similar
* Convert between metric units

Rational Numbers (Chapter 2)

* Order rational numbers
* Add, subtract, multiply and divide rational numbers

Powers and Exponents (Chapter 3)

* Use Exponent laws
* Solve problems involving exponents

Polynomials (Chapter 5 and 7)

* Be able to combine like terms together
* Understand how to use algebra tiles to solve problems
* Multiply and divide binomials and monomials
* FOIL

Linear Relations (Chapter 6)

* Determine the equation for a pattern
* Extrapolate and interpolate from data
* Recognize equations of lines from graphs and graphs from equations of lines

Linear Equations (Chapter 8)

* Be able to solve one, two and multi-step equations
* Solve problems involving linear equations