*Math 2*

**YOU SHOULD ALREADY KNOW THE FOLLOWING, IF YOU DO NOT, THEN YOU NEED TO GO TO IXL AND PRACTICE!**

Solve equations AND inequalities

* Single-step and multi-step
* variables on both sides

Quadratics

* FACTORING
* Quadratic Formula
* Find vertex, intercepts, roots, axis of symmetry

Exponent Rules (Laws of Exponents)

* when to add, subtract, multiply exponents

Exponentials:

* what is the form
* compound interest

Polynomials

* add, subtract, multiply

Simplify Radicals (no decimals)

Graph linear equations (including horizontal and vertical lines)

* calculate slope
* parallels and perpendiculars

Solve systems of equations

* graphing
* substitution
* elimination

Analyze a table to make an equation

Distance Formula

Midpoint Formula

Pythagorean Theorem

Simple Probability