Math 2

Unit 1-Transformations

Translation

Rotation

Reflections

Dilation

Unit 2-Quadratics

Foil/factor

Solving by factoring and square roots

Rational and irrational numbers

Complex numbers

Quadratic formula

Vertex form-graphing

Completing the square

Max/ min/inc/dec/domain/range

Applications of quadratic functions

Systems of linear/quadratic

Unit 3-More functions

Square root-Rational exponents

Inverse variation

Systems of equations

Unit 4-Theorems about Lines and angles

Parallel lines and transversals

Parallelograms?

Unit 5-Congruence and Similarity

Proofs/concepts involving triangles

Unit 6-Trigonometry

Special right triangles

Trig ratios

Right triangle trig

Unit7-Probability

Addition rule

Multiplication rule

Conditional probability

Independent events