
Algebra I

- 1. Understand solving equations as a process of reasoning and explain the reasoning.**
- 2. Solve systems of equations.**
- 3. Interpret the structure of expressions.**
- 4. Write expressions in equivalent forms to solve problems.**
- 5. Understand the concept of a function and use function notation.**

Geometry

- 1. Use coordinates to prove simple geometric theorems algebraically.**
- 2. Translate between the geometric description and the equation for a conic section.**
- 3. Understand congruence in terms of rigid motions.**
- 4. Experiment with transformations in the plane.**
- 5. Apply geometric concepts in modeling situations.**

Algebra II

- 1. Understand the relationship between zeros and factors of polynomials.**
- 2. Use polynomial identities to solve problems.**
- 3. Interpret functions that arise in applications in terms of the context.**
- 4. Analyze functions using different representations.**
- 5. Extend the properties of exponents to rational exponents.**