

- PS 1 Students will evaluate and simplify expressions by using the order of operations and properties. ([Standard 1 – Real Numbers and Algebraic Expression](#))
- PS 2 Students will solve linear and absolute value equations inequalities. Apply these to real situations. ([Standard 2 – Linear Equations, Inequalities, and Problem Solving](#))
- PS 3 Students will graph linear function and inequalities. Interpret graphs of linear functions. Graph and interpret piecewise-defined functions. ([Standard 3 – Graphs and Functions](#))
- PS 4 Students will solve systems of linear equations and inequalities. Apply these to real situations. ([Standard 4 – Systems of Equations](#))
- PS 5 Students will simplify polynomials and solve polynomial equations. Factor polynomials. Apply these to real situations. ([Standard 5 – Exponents, Polynomials, and Polynomial Functions](#))
- PS 6 Students will perform arithmetic operations on rational expressions and solve rational equations. Apply these to real situations. ([Standard 6 – Rational Expressions](#))
- PS 7 Students will convert radical expressions to exponents. Simplify and perform operations on radical expressions. Rationalize denominators and numerators. Apply these to real situations. Perform arithmetic operations with complex numbers. ([Standard 7 – Rational Exponents, Radicals, and Complex Numbers](#))
- PS 8 Students will solve quadratic equations and nonlinear inequalities. Graph quadratic functions. Apply these to real situations. ([Standard 8 – Quadratic Equations and Functions](#))
- PS 9 Students will understand inverse, composition, and arithmetic of functions. Explore exponential and logarithmic functions. Apply these to real situations. ([Standard 9 – Exponential and Logarithmic Functions](#))
- PS 10 Students will graph and find equations for parabolas and circles. ([Standard 10 – Parabola and Circle](#))