

Southeast High School Algebra 2 Essential Standards

- 1) Use properties of rational and irrational numbers.
- 2) Perform arithmetic operations with complex numbers.
- 3) Use complex numbers in polynomial identities and equations.
- 4) Perform operations on matrices and use matrices in applications.
- 5) Write expressions in equivalent forms to solve problems.
- 6) Perform arithmetic operations on polynomials.
- 7) Use polynomial identities to solve problems.
- 8) Solve equations and inequalities in one variable.
- 9) Represent and solve equations and inequalities graphically.
- 10) Interpret functions that arise in applications in terms of the context.
- 11) Analyze functions using different representations.
- 12) Build a function that models a relationship between two quantities.
- 13) Construct and compare linear, quadratic, and exponential models and solve problems.