

Algebra 2 Scope and Sequence

Lesson 1	Exponents
Lesson 2	Rational Expressions
Lesson 3	Scientific Notation and Combining Like Terms
Lesson 4	Radicals, Basic Operations and Simplifying
Lesson 5	Factoring Polynomials and More Rational Expressions
Lesson 6	Fractional Exponents and Solving Equations with Rational Expressions
Lesson 7	Imaginary and Complex Numbers
Lesson 8	Conjugate Numbers
Lesson 9	Cubes and Pascal's Triangle
Lesson 10	Binomial Theorem
Lesson 11	Completing the Square
Lesson 12	Quadratic Formula
Lesson 13	Discriminants
Lesson 14	Applications Using Percent
Lesson 15	Isolating a Variable
Lesson 16	Ratios
Lesson 17	Unit Multipliers and Metric Conversions
Lesson 18	Distance = Rate x Time
Lesson 19	More Motion Problems
Lesson 20	Graphing Lines
Lesson 21	Graphing Parallel & Perpendicular Lines and Inequalities
Lesson 22	Distance Formula and Midpoint Formula
Lesson 23	Conic Sections, Circle and Ellipse
Lesson 24	Parabola
Lesson 25	Parabola, Maxima and Minima
Lesson 26	Hyperbola
Lesson 27	Solving Systems of Equations, Lines and Conic Sections
Lesson 28	Coins, Consecutive Integers, and Chemical Mixtures
Lesson 29	Age and Boat in the Current Problems
Lesson 30	Solving Equations with Three Variables
Lesson 31	Matrices and Determinants