

Algebra 2

Lesson	Title	Time (min:sec)
Introduction	Introduction	2:49
Lesson 1	Exponents	0:41
Lesson 2	Rational Expressions	17:41
Lesson 3	Scientific Notation; Combining Like Terms	20:50
Lesson 4	Radicals, Basic Operations, and Simplifying	12:35
Lesson 5	Factoring Polynomials; Rational Expressions	0:40
Lesson 6	Fractional Exponents	7:23
Lesson 7	Imaginary and Complex Numbers	12:15
Lesson 8	Conjugate Numbers	12:50
Lesson 9	Squares, Cubes, and Pascal's Triangle	22:36
Lesson 10	Binomial Theorem	15:04
Lesson 11	Completing the Square	13:59
Lesson 12	Quadratic Formula	13:12
Lesson 13	Discriminants	12:55
Lesson 14	Applications Using Percent	17:38
Lesson 15	Isolating One Variable	8:15
Lesson 16	Ratios	10:15
Lesson 17	Unit Multipliers and Metric Conversions	15:10
Lesson 18	Distance = Rate x Time	16:45
Lesson 19	More Motion Problems	11:19
Lesson 20	Graphing Lines: Slope-Intercept Formula	12:41
Lesson 21	Parallel and Perpendicular Lines; Inequalities	12:32
Lesson 22	Distance Formula and Midpoint Formula	9:39
Lesson 23	Conic Sections: Circle and Ellipse	19:08
Lesson 24	Parabola	6:53
Lesson 25	Parabola: Maxima and Minima	15:46
Lesson 26	Hyperbola	8:21
Lesson 27	Solving Systems of Equations	12:55
Lesson 28	Coins, Consecutive Integers, and Mixtures	12:28
Lesson 29	Age and Boat in the Current Problems	11:17
Lesson 30	Solving Equations with Three Variables	9:45
Lesson 31	Vectors	14:22