

Algebra 1

Algebra 1 Flipper®-Topics - CLP-195W Distributive property, open sentences, disjunction, polynomials, factoring, quadratic formula, complex numbers, rational equations. Grades 7–8.

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Description

Distributive property, open sentences, disjunction, polynomials, factoring, quadratic formula, complex numbers, rational equations. Grades 7–8.

Algebra 1 Flipper®-Topics - CLP-195W

- Natural Numbers
- Whole Numbers
- Integers
- Rational Numbers
- Irrational Numbers
- Real Numbers
- Variable
- Term
- Like Terms
- Distributive Property
- Open Sentence
- Solution Set
- Solving First-Degree Equations
- Equations with Fractions
- Equations with Decimals
- Graphs of Inequalities
- Solving Simple Inequalities
- Compound Inequalities: Conjunction
- Compound Inequalities: Disjunction
- Examples of Conjunction and Disjunction Inequalities
- Absolute Value: Equations

- Zero Exponents
- Negative Exponents
- Addition of Polynomials
- Subtraction of Polynomials
- Multiplying a Monomial by a Polynomial
- Multiply Two Polynomials
- Multiplying Binomials by FOIL
- Special Products
- Factoring: Greatest Common Factor (G, C, F.)
- Factoring Binomials
- Factoring Trinomials:
 - $x^2 + bx + c$
 - Factor by Grouping
- Factoring Trinomials:
 - $ax^2 + bx + c$
- Simplifying Rational Expressions
- Multiplying Rational Expressions
- Dividing Rational Expressions
- Adding Rational Expressions
- Subtracting Rational Expressions
- Polynomial Long Division
- Solving Quadratic Equations
- Quadratic Formula
- Discriminant $b^2 - 4ac$
- Imaginary Numbers
- Simplify Imaginary Numbers
- Adding Complex Numbers
- Subtracting Complex Numbers
- Multiplying Complex Numbers
- Dividing Complex Numbers
- Quadratic Formula Complex Solving
- Rational Equations
- Extraneous Solutions
- Ratio
- Proportion
- Literal Equations

- Absolute Value: $<$ Inequality
- Absolute Value: $>$ Inequality
- Polynomials
- Monomial
- Trinomial
- Binomial
- Degree: Trinomial
- Degree: Binomial
- Degree: Monomial
- Properties of Exponents
- Product of Powers
- Power of a Power
- Power of a Product
- Quotient of Powers