

Algebra 1 Worksheets

Basics

[Writing variable expressions](#)

[Order of operations](#)

[Evaluating expressions](#)

[Number sets](#)

[Adding rational numbers](#)

[Adding and subtracting rational numbers](#)

[Multiplying and dividing rational numbers](#)

[The distributive property](#)

[Combining like terms](#)

[Percent of change](#)

Inequalities

[Graphing one-variable inequalities](#)

[One-step inequalities](#)

[Two-step inequalities](#)

[Multi-step inequalities](#)

[Compound inequalities](#)

[Absolute value inequalities](#)

Trigonometry

[Finding trig. ratios](#)

[Finding angles of triangles](#)

[Finding side lengths of triangles](#)

Systems of Equations and Inequalities

[Solving systems of equations by graphing](#)

[Solving systems of equations by elimination](#)

[Solving systems of equations by substitution](#)

[Systems of equations word problems](#)

[Graphing systems of inequalities](#)

Quadratic Functions

[Graphing quadratic functions](#)

[Graphing quadratic inequalities](#)

[Completing the square](#)

Solving quadratic equations

-by taking square roots

-by factoring

-with the quadratic formula

-by completing the square

Rational Expressions

[Simplifying rational expressions](#)

[Finding excluded values / restricted values](#)

[Multiplying rational expressions](#)

[Dividing rational expressions](#)

[Dividing polynomials](#)

[Adding and subtracting rational expressions](#)

Solving rational equations ([easy](#), [hard](#))

Statistics

[Visualizing data](#)

[Center and spread of data](#)

[Scatter plots](#)

[Using statistical models](#)

Equations

[One-step equations](#)

[Two-step equations](#)

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Radical equations ([easy](#), [hard](#))

Rational equations ([easy](#), [hard](#))

[Solving proportions](#)

[Percent problems](#)

[Distance-rate-time word problems](#)

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[Work word problems](#) [Literal Equations](#)

Linear Equations and Inequalities

[Finding slope from a graph](#)

[Finding slope from two points](#)

[Finding slope from an equation](#)

[Graphing lines using slope-intercept form](#)

[Graphing lines using standard form](#)

[Writing linear equations](#)

[Graphing absolute value equations](#)

[Graphing linear inequalities](#)

Exponents

[Exponential functions and graphs](#)

Properties of exponents ([easy](#), [hard](#))

[Writing numbers in scientific notation](#)

[Operations with scientific notation](#)

Algebra 1 Worksheets

Polynomials

[Naming polynomials](#)

[Adding and subtracting polynomials](#)

[Multiplying polynomials](#)

[Multiplying special case polynomials](#)

Factoring quadratic polynomials ([easy](#), [hard](#))

[Factoring special case polynomials](#)

[Factoring by grouping](#)

[Dividing polynomials](#)

Radical Expressions

[Simplifying radicals](#)

[Adding and subtracting radical expressions](#)

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[Dividing radicals](#)

[Using the distance formula](#)

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Solving radical equations ([easy](#), [hard](#))

Word Problems

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