

PRE ALGEBRA WORKSHEETS

Basics

[Naming decimal places](#)
[Reading and writing whole numbers](#)
[Rounding numbers](#)

Number Theory

[Divisibility and factors](#)
[Factoring numbers](#)
[Factoring monomials](#)
[Greatest common factor](#)
[Least common multiple](#)

Algebraic Expressions

[Evaluating variable expressions](#)
[Simplifying variable expressions](#)
[The distributive property](#)

Inequalities

[Graphing single-variable inequalities](#)
[One-step inequalities by adding/subtracting](#)
[One-step inequalities by multiplying or dividing](#)
[Two-step inequalities](#)
[Multi-step inequalities](#)

Plane Figures

Rigid Transformations

- [Translations](#)
- [Rotations](#)
- [Reflections](#)

[Angle relationships](#)
[The Pythagorean Theorem](#)
[The distance formula](#)
[The midpoint formula](#)
[Classifying triangles and quadrilaterals](#)
[Angle sum of triangles and quadrilaterals](#)
[Area of triangles](#)
[Area of squares, rectangles, and parallelograms](#)
[Area of trapezoids](#)
[Area and circumference of circles](#)

Linear Functions

[Finding slope](#)
[Graphing lines using slope-intercept form](#)
[Graphing lines using standard form](#)
[Writing linear equations](#)
[Graphing linear inequalities](#)

Systems of Equations

[Solving systems of equations by graphing](#)
[Solving systems of equations by substitution](#)
[Systems of equations word problems](#)

Word Problems

[One-step equation word problems](#)
[Two-step equation word problems](#)
[Proportion word problems](#)
[Similar figure word problems](#)
[Systems of equations word problems](#)

Arithmetic

[Rounding numbers](#)
[Converting between fractions and decimals](#)
[Converting between percents, fractions, and decimals](#)
[Variable and verbal expressions](#)
[Adding and subtracting integers](#)
[Adding and subtracting decimals](#)
[Adding and subtracting fractions and mixed numbers](#)
[Dividing integers](#)
[Multiplying integers](#)
[Multiplying decimals](#)
[Multiplying and dividing fractions and mixed numbers](#)
[Order of operations](#)
[Evaluating variable expressions](#)

PRE ALGEBRA WORKSHEETS

Proportions and Percents

[Converting between percents, fractions, and decimals](#)

[Percent problems, straightforward](#)

[Finding percent change](#)

Markup, discount, and tax ([easy](#), [hard](#))

[Proportions](#)

[Proportion word problems](#)

[Similar figures](#)

[Similar figure word problems](#)

[Simple and compound interest](#)

Equations

[One-step equations containing integers](#)

[One-step equations containing decimals](#)

[One-step equations containing fractions](#)

[One-step equation word problems](#)

[Two-step equations containing integers](#)

[Two-step equations containing decimals](#)

[Two-step equation word problems](#)

[Multi-step equations](#)

Solid Figures

[Classifying solids](#)

[Volume](#)

[Surface area](#)

Polynomials

[Factoring monomials](#)

[Adding and subtracting polynomials](#)

[Multiplying a polynomial and a monomial](#)

[Multiplying binomials](#)

Exponents and Radicals

[Multiplication property of exponents](#)

[Division property of exponents](#)

[Powers of products and quotients](#)

[Writing scientific notation](#)

[Square roots](#)

Statistics

[Visualizing data](#)

[Center and spread of data](#)

[Scatter plots](#)

[Using statistical models](#)