ExploreLearning.com - All Gizmo Modules

Revised 12/18/03

2D Collisions - Activity A
2D Collisions - Activity B
3D and Orthographic Views - Activity A
3D and Orthographic Views - Activity B
Absolute Value of a Complex Number
Absolute Value of a Quadratic Function
Absolute Value with Linear Functions - Activity A
Absolute Value with Linear Functions - Activity B
Absolute Value with Linear Functions - Activity C
Adding and Subtracting Integers
Adding Real Numbers
Adding Vectors
Addition and Subtraction of Polynomials
Addition of Polynomials - Activity A
Addition of Polynomials - Activity B
Additive Colors
Air Track
Area of Parallelograms - Activity A
Area of Parallelograms - Activity B
Arithmetic and Geometric Series
Arithmetic Sequences
Basic Prism
Beam to Moon [Ratios and Proportions]
Biconditional Statement
Binomial Probabilities
Bisectors in Triangles
Black Hole
Box-and-Whisker Plots
Center of Mass
Chords and Arcs
Circle: Perimeter, Circumference and Area
Circles
Circuits
Classifying Quadrilaterals - Activity A
Classifying Quadrilaterals - Activity B
Classifying Triangles
Comparing and Ordering Decimals
Comparing and Ordering Fractions
Comparing and Ordering Integers
Comparing and Ordering Rational Numbers
Complex Numbers in Polar Form
Compound Independent and Dependent Events
Compound Independent Events
Compound Inequalities
Concurrent Lines, Medians, and Altitudes
Conditional Statement
Congruence in Right Triangles
Construct Parallel and Perpendicular Lines
Constructing Box-and-Whisker Plots
Constructing Congruent Segments and Angles
Correlation
Cosine Function
Coulomb Force
Cubic Function Activity
Defining a Line with Two Points
Density Lab
Density Laboratory
Density via Comparison
Describing Data Using Statistics
Determining Density via Water Displacement
Dilations
Direct and Inverse Variation
Direct Variation
Disease Spread
Distance Formula - Activity A
Distance Formula - Activity B
Distance-Time and Speed-Time Graphs
Distance-Time Graphs
Dividing Exponential Expressions
Dividing Fractions
Dividing Mixed Numbers
Dividing Polynomials Using Synthetic Division
Doppler Effect [1 source]
Min/Max Thermometer
Minimize Perimeter
Modeling and Solving Two-Step Equations
Modeling Linear Systems - Activity A
Modeling Linear Systems - Activity B
Modeling One-Step Equations - Activity A
Modeling One-Step Equations - Activity B
Modeling the Factorization of ax²+bx+c
Modeling the Factorization of x²+bx+c
Moment of Inertia
Moon Phases
Mouse Breeding
Mouse Genetics
Multiplying Exponential Expressions
Multiplying Fractions
Multiplying Mixed Numbers
Multiplying with Decimals
Number Systems
Ocean Mapping
Operations with Radical Expressions
Orbit Simulator
Order of Operations
Ordering and Approximating Square Roots
Ordering Percents, Fractions and Decimals
Ordering Percents, Fractions and Decimals Greater Than 1
Parabola with Horizontal Directrix
Parabolas - Activity A
Parabolas - Activity B
Parabolas - Activity C
Parallelogram Conditions
Part:Part and Part:Whole Ratios
Percent of Change
Percents and Proportions
Percents, Fractions and Decimals
Perimeter, Circumference, and Area - Activity A
Perimeter, Circumference, and Area - Activity B
Perimeters and Areas of Similar Figures
Permutations
Permutations and Combinations
Phased Array
Photosynthesis - Activity A
Photosynthesis - Activity B
Point-Slope Form of a Line - Activity A
Point-Slope Form of a Line - Activity B
Points in Polar Coordinates
Points in the Complex Plane - Activity A
Points in the Complex Plane - Activity B
Points in the Coordinate Plane - Activity A
Points in the Coordinate Plane - Activity B
Points in the Coordinate Plane - Activity C
Polygon Angle Sum - Activity A
Polygon Angle Sum - Activity B
Polynomials and Linear Factors
Potential Energy on Shelves
Prisms and Cylinders - Activity A
Prisms and Cylinders - Activity B
Probability Simulations
Proportions and Common Multipliers
Proving Triangles Congruent
Pyramids and Cones - Activity A
Pyramids and Cones - Activity B
Pythagorean Theorem - Activity A
Pythagorean Theorem - Activity B
Quadratic and Absolute Value Functions
Quadratic Functions
Quadratic Inequalities - Activity A
Quadratic Inequalities - Activity B
Quadratics in Factored Form
Quadratics in Polynomial Form - Activity A
Quadratics in Polynomial Form - Activity B
Quadratics in Vertex Form - Activity A
Quadratics in Vertex Form - Activity B
Quadratics: Polynomial Form in y
Rabbit Population by Season
Radical Functions
Rational Functions

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Ray Tracing
Real Number Line - Activity A
Real Number Line - Activity B
Real-time Histogram
Rectangle: Perimeter, Circumference and Area
Reflections
Reflections of a Linear Function
Reflections of a Quadratic Function
Reverse the Field
Riemann Sum
Roots of a Quadratic
Rotation/Revolution of Near-Earth Planets
Rotations, Reflections and Translations
Scatter Plots - Activity A
Scatter Plots - Activity B
See-Saw Torque
Seed Germination
Shoot the Monkey
Sight vs. Sound Reflexes
Similar Figures - Activity A
Similar Figures - Activity B
Similar Polygons
Similarity in Right Triangles
Simple and Compound Interest
Simple Harmonic Motion
Simplifying and Verifying Trigonometric Functions
Simplifying Radicals - Activity A
Simplifying Radicals - Activity B
Sine and Cosine Ratios - Activity A
Sine and Cosine Ratios - Activity B
Sine Function
Sine, Cosine and Tangent
Six-sided Snowflake: Advanced
Slope - Activity A
Slope - Activity B
Slope - Activity C
Slope-Intercept Form of a Line - Activity A
Slope-Intercept Form of a Line - Activity B
Slope-Intercept Form of a Line - Activity C
Snow Flake Designer [8 sides]
Snowflake Designer [6 sided]
Solubility and Temperature
Solving Equations By Graphing Each Side
Solving Equations with Decimals
Solving Formulas for any Variable
Solving Inequalities Using Multiplication and Division
Solving Linear Inequalities using Addition and Subtraction
Solving Linear Inequalities using Multiplication and Division
Solving Linear Systems by Graphing
Solving Two-Step Equations
Solving Using Trend Lines
Sound Beats
Special Quadrilaterals
Special Types of Solutions to Linear Systems
Square Roots
Standard Form of a Line
Stem-and-Leaf Plots
Subtractive Colors
Sum and Difference Identities for Sine and Cosine
Sums and Differences with Decimals
Surface and Lateral Area of Prisms and Cylinders
Surface and Lateral Area of Pyramids and Cones
System of Two Quadratic Inequalities
Systems of Linear Equations - Activity A
Systems of Linear Equations - Activity B
Systems of Linear Inequalities [Slope-intercept form] - Activity A
Systems of Linear Inequalities [Slope-intercept form] - Activity B
Systems of Linear Inequalities [Standard form]
Tangent Function
Tangent Ratio
Theoretical and Experimental Probability
Tides
Time Estimation
Translating and Scaling Functions
Translating and Scaling Sine and Cosine Functions - Activity A
Translating and Scaling Sine and Cosine Functions - Activity B
Translations
Triangle Angle Sum - Activity A
Triangle Angle Sum - Activity B
Triangle Inequalities
Triple Beam Balance
Two-Dimensional Harmonic Motion
Ultrasound: How Does it Work?
Unit Circle
Using Algebraic Equations
Using Algebraic Expressions
Using Tables, Rules and Graphs
Vector Addition
X-ray Imaging
Zap It! Game