



Algebra and Pre-Algebra Upgrade Lesson List

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#	Algebra	Pre-Algebra
1	Algebra Terms Language	Numbers
2	Multiply Variables	Negative Numbers
3	Exponent Rules	Fractions Number Line
4	Add Like Terms	Place Value
5	Distributive Property	Rounding
6	Commutative Associative	Signed Addition
7	Order of Operations	Signed Multiplication
8	Numbers	Exponent Basics
9	Coordinate Graphs	Scientific Notation
10	Relationships Tables Graphs	Fractions Basics
11	Translate Words to Algebra	Factors Multiples
12	Solve Equation	Reduce Fractions
13	Linear Equations	Multiply Fractions
14	Graph by Intercepts	Add Frac Same Denom
15	Points on a Line	Add Frac Diff Denom
16	Slope of a Line	Compare Fractions
17	Slope Intercept Form	Decimal Place Value
18	Reciprocal Inverse	Decimal Addition
19	Parallel Perpendicular	Decimal Multiplication
20	Point Slope Equation	Compare Decimals
21	Graphing Calculators	Compare Frac Decimals
22	Solve Inequalities	Rational Word Problems
23	Compound Inequalities	Algebra Terms Language
24	Graph Inequalities	Translate Words Algebra
25	Absolute Equations	Order of Operations
26	Rate Problems	Multiply Variables
27	Functions & Relations	Add Like Terms
28	Function Notation	Distributive Property
29	Domain Range	Commutative Associative
30	Solve Systems Graphing	Solve 1 Step Equations
31	Systems Substitution	Solve Equations
32	Systems Add Eliminate	Coordinate Graphs
33	Polynomial Basics	Linear Equations
34	Combine Like Terms	Slope of a Line
35	Add Polynomials	Line Graphs
36	Subtract Polynomials	Solve Inequalities
37	Multiply Monomials	Graph Inequalities
38	Divide Monomials	Relations Tables Graphs
39	Distribute Monomials	Unit Rate Problems
40	FOIL	Rate
41	Factoring GCF	Ratios Proportions
42	Trinomial Factor 1	Percent Convert
43	Trinomial Factor 2	Percent Problems
44	Trinomial Factor 3	Proportion Word Probs
45	Factor Perfect Square	Measurement
46	Factor Difference Squares	Conversions
47	Rational Expressions	Angles Lines
48	Rational Multiply Add	Triangles
49	Quadratic Graphing	Polygons
50	Quadratic Factoring	Circles
51	Quadratic Square Root	Solids
52	Quad Complete Square	Area Perimeter
53	Quadratic Formula	Volume Prism 5
54	Quadratic Word Problems	Pythagorean
55	Radical Expressions	Symmetry Transforms
56	Radical Equations	Mean Median & Mode
57	Exponential Functions	Charts Graphs
58	Mixture Ratio Problems	Probability Basics
59	Logic Validity	Probability Model Uniform
60	Final Challenge	Final Challenge