



Math Upgrade Lesson List

Learning Upgrade® Version: September 2016 Page 1 of 2

#	Math Grade K	Math Grade 1	Math Grade 2	Math Grade 3	Math Grade 4
1	Count Find 5	Count to 10	Count to 100	Number Line Basics	Place Value
2	Count Find 10	Counting Cows	Number Line Basics	Place Value Basics	Rounding
3	Counting Cows	Count to 20	Skip Count by 2s	Expanded Notation	Comparison
4	Counting Sheep 10	Counting Sheep	Odd and Even Numbers	Number Names	Number Line
5	Which Group 10	Number Line Basics	Skip Count by 5s & 10s	Odd and Even	Long Addition
6	How Many 5	Compare to 10	Skip Count by 100s	Count by 5s & 10s	Add 4 2-Digit
7	How Many 10	Missing Numbers	Count to 1000	Grouping Tens	Add Properties
8	Count to 10	Add Count Together	Number Names	Rounding	Subtraction
9	Listen 10	Add Count On	Grouping Tens	Comparison	Add Sub Word Problems
10	Number Parade 10	Decompose	Place Value Basics	Order to 1000	Multiply Basics
11	Count to 20	Addition Facts 1s	Expanded Notation	Add Count Together	Multiply Arrays
12	Missing Numbers	Addition Facts 2s	Compare Basics	Add Count On Num Line	Mult Facts 1-5
13	Listen 20	Addition Facts 3s	Add Count Together	Decompose	Mult Facts 6-10
14	Counting Sheep 20	Count to 50	Add Count On	Addition Facts 1 to 5	Multiply by 10s
15	Which Group 20	Add Count to 3	Decompose	Addition Facts 6 to 10	Multiply by 1 Digit
16	Name That Shape	Addition Facts 4s	Addition Facts 1s	Add Column 1 Digit	Long Multiplication
17	Count Squares	Addition Facts 5s	Addition Facts 2s	Long Addition	Division Basics
18	Count Triangles	Addition Facts 6s	Addition Facts 3s	Add Column 2 Digit	Division Unknown Factor
19	Count Circles	Add Count to 6	Addition Facts 4s	Subtraction Basics	Long Division
20	Shape Position A	Addition Facts 7s	Addition Facts 5s	Subtract Counting Back	Number Sentences
21	Compare to 10	Addition Facts 8s	Addition Facts 6s	Subtract Missing Addends	Multiply Word Problems
22	Compare Groups	Addition Facts 9s	Addition Facts 7s	Subtraction 2 Digit	Multi-Step Word Problems
23	Count to 50	Addition Facts 10s	Addition Facts 8s	Add Sub Word Problems	Multiply Properties
24	Add Basics	Add Count 10	Addition Facts 9s	Addition Properties	Estimation
25	Add Count Together	Count to 80	Addition Facts 10s	Multiply Basics	Fractions Intro
26	Add Count On	Compare to 50	Add Make 10	Multiply Arrays	Fractions Number Line
27	Hop Ahead A	Number Sentences Add	Add 10 Mentally	Mult Facts 1-5	Equivalent Fractions
28	Count to 80	Count to 100	Subtract 10 Mentally	Mult Facts 6-10	Fractions Basics
29	Hop Ahead B	Number Names to 20	Add 100 Mentally	Multiply by 10s	Factors Multiples
30	Count to 100	Addition Facts Challenge	Subtract 100 Mentally	Multiply Facts Challenge	Prime Numbers
31	Decompose	Skip Count by 2s	Addition Facts Challenge	Multiply by 1 Digit	Reduce Fractions
32	Make 10	Odd and Even Numbers	Add Column 1-Digit	Division Basics	Multiply Fractions
33	Compose 19	Skip Count by 5s and 10s	Long Addition 2-Digit	Division Unknown Factor	Add Fractions Same Den
34	Addition Facts 1s	Number Names to 100	Add Column 2-Digit	Number sentences	Add Fractions Diff Denom
35	Addition Facts 2s	Group by 10s	Subtraction Basics	Multiply Word Problems	Compare Fractions
36	Addition Facts 3s	Compare to 100	Subtract Counting Back	Multi-Step Word Probs	Fractions Word Problems
37	Add Count 3	Hop Ahead A	Subtract Missing Addends	Multiply Properties	Decimal Basics
38	Addition Facts 4s	Hop Ahead B	Subtract 2-Digit	Fractions Intro	Decimal Place Value
39	Add Count 6	Add Make 10	Number Sent Add Sub	Fractions Number Line	Compare Decimals
40	Add Count 10	Add Column of Digits	Add Sub Word Problems	Equivalent Fractions	Patterns
41	Skip Count 5s 10s	Add to 100 A No Group	Addition Properties Comm	Add Fractions Same Den	Expressions
42	Addition Facts 5s	Add to 100 B No Group	Multiply Basics	Compare Fractions	Variables
43	Subtraction Basics	Subtraction Basics	Multiply Arrays Grid	Decimal Basics	Measure Length
44	Subtract Count Back	Subtract Count Back	Division Basics	Patterns	Measurement
45	Hop Back A	Subtract Missing Addend	Early Fractions	Measure Length	Conversions
46	Hop Back B	Hop Back A	Patterns	Measure Temperature	Money Word Problems
47	Hop Ahead Back A	Hop Back B	Measure Length	Measurement	Mean, Median, Mode
48	Listen 50	Add Mental 10	Estimate Length	Money Counting	Charts Graphs
49	Hop Ahead Back B	Subtract Mental 10	Length Word Problems	Money Word Problems	Table Graphs
50	Listen 100	Add Sub Mental	Money Counting	Telling Time	Coordinate Graphs
51	Sort Count A	Number Sent Add Sub	Money Word Problems	Collect Data Table	Shapes
52	Measure Length	Add Sub Word Problems	Telling Time	Tables Graphs	Sort & Classify
53	Multiple Measures	Addition Properties	Collect Data Table	Charts & Graphs	Perimeter Area Volume
54	Sort Count B	Early Fractions Intro	Tables Graphs	Shapes	Lines
55	Shapes Positions B	Measure Length	Graph Length Data	Area Perimeter Volume	Angles Basics
56	2D 3D Shapes	Telling Time	Table Word Problems	Lines	Angle Measure
57	Compare Shapes	Collect Data Table	Charts & Graphs	Angles Basics	Triangles
58	Building Shapes	Shapes	Shapes	Triangles	Geometry Word Problems
59	Compose Shapes	Compose Shapes	Compose Shapes	Geometry Word Problems	Symmetry Transforms
60	Final Challenge	Final Challenge	Final Challenge	Final Challenge	Final Challenge



Math Upgrade Lesson List

Learning Upgrade® Version: September 2016 Page 2 of 2

#	Math Grade 5	Math Grade 6	Math Grade 7	Math Grade 8	Algebra
1	Place Value	Place Value	Numbers	Rational Numbers	Algebra Terms Language
2	Rounding	Negative Numbers	Negative Numbers	Irrational Numbers	Multiply Variables
3	Comparison	Rational Numbers	Number Line	Square Roots	Exponent Rules
4	Number Line	Number Line	Fractions Number Line	Exponent Basics	Add Like Terms
5	Long Addition	Fractions Number Line	Absolute Value	Exponent Rules	Distributive Property
6	Subtraction	Coordinate Graphs	Signed Addition	Square Root Equations	Commutative Associative
7	Add Sub Word Problems	Graph Inequalities	Rational Add Sub	Scientific Notation	Order of Operations
8	Multiply Basics	Absolute Value	Signed Multiplication	Scientific Operations	Numbers
9	Multiply Arrays	Signed Addition	Rational Mult Divide	Scientific Comparison	Coordinate Graphs
10	Mult Facts 1-5	Signed Multiplication	Compare Frac Decimals	Coordinate Graphs	Relationships Tables Graphs
11	Mult Facts 6-10	Long Division	Divide Fractions Problems	Relations Tables Graphs	Translate Words to Algebra
12	Multiply by 10s	Factors & Multiples	Rational Word Problems	Translate Words Algebra	Solve Equation
13	Multiply by 1 Digit	Reduce Fractions	Rational Claims	Solve 1-Step Equations	Linear Equations
14	Long Multiplication	Fraction Addition	Algebra Terms Language	Solve Equation	Graph by Intercepts
15	Exponents Basics	Fraction Multiplication	Translate Words Algebra	Equation Solutions	Points on a Line
16	Divison Basics	Divide Fractions Problems	Order of Operations	Linear Equations	Slope of a Line
17	Division Unknown Factor	Decimal Place Value	Multiply Variables	Graph by Intercepts	Slope Intercept Form
18	Long Division	Decimal Addition	Add Like Terms	Points on a Line	Reciprocal Inverse
19	Number Sentences	Decimal Multiplication	Distributive Property	Line Graphs	Parallel Perpendicular
20	Multiply Word Problems	Compare Frac Decimals	Commutative Associative	Slope of a Line	Point Slope Equation
21	Multi-Step Word Problems	Exponent Basics	Expressions Rational Coeff	Slope Intercept Form	Graphing Calculators
22	Multiply Properties	Algebra Terms Language	Rewrite Expressions	Parallel Perpendicular	Solve Inequalities
23	Estimation	Translate Words Algebra	Fraction Word Problems	Point Slope Equation	Compound Inequalities
24	Fractions Intro	Algebra Basics	Multi-Step Rational Probs	Ratios & Proportions	Graph Inequalities
25	Fractions Number Line	Order of Operations	Solve 1-Step Equations	Unit Rates 7	Absolute Equations
26	Equivalent Fractions	Multiply Variables	Solves Equations	Constant Proportionality	Rate Problems
27	Fractions Basics	Add Like Terms	Rate	Proportion graphs	Functions & Relations
28	Factors Multiples	Distributive Property	Linear Word Problems	Slope Unit Rate	Function Notation
29	Prime Numbers	Commutative Associative	Solve Inequalities	Proportion Word Probs	Domain Range
30	Reduce Fractions	Equivalent Expressions	Graph Inequalities	Rate Problems	Solve Systems Graphing
31	Multiply Fractions	Equation True	Inequalities Word Probs	Graphing Calculators	Systems Substitution
32	Add Frac Same Denom	Solve 1-Step Equations	Unit Rate Problems	Solve Systems Graphing	Systems Add Eliminate
33	Add Frac Diff Denom	Word Problems	Unit Rates 7	Systems Substitution	Polynomial Basics
34	Compare Fractions	Ratios & Proportions	Relations Tables Graphs	Systems Problems	Combine Like Terms
35	Fractions Word Problems	Relations Tables Graphs	Constant Proportionality	Functions & Relations	Add Polynomials
36	Decimal Basics	Unit Rate Problems	Ratios & Proportions	Function Notation	Subtract Polynomials
37	Decimal Place Value	Percent Convert	Proportion graphs	Compare Functions	Multiply Monomials
38	Compare Decimals	Percent Problems	Percent Problems	Non-Linear Graphs	Divide Monomials
39	Add Decimals	Conversions	Proportion Word Probs	Model Linear Functions	Distribute Monomials
40	Multiply Decimals	Angles & Lines	Triangles	Angles & Lines	FOIL
41	Percent Convert	Triangles	Polygons	Triangles	Factoring GCF
42	Percent Problems	Polygons	Scale Drawings	Polygons	Trinomial Factor 1
43	Compare Fractions Dec	Polygon Areas	Draw Shapes	Scale Drawings	Trinomial Factor 2
44	Patterns	Symmetry & Transforms	Slice 3D Figures	Symmetry & Transforms	Trinomial Factor 3
45	Algebra Basics	Solids	Circles	Symmetry Lab	Factor Perfect Square
46	Translate Words Algebra	Volume Prism 5	Angles & Lines	Congruent Figures	Factor Difference Squares
47	Order of Operations	Volume Prism 6A	Solids	Coordinate Symmetry	Rational Expressions
48	Coordinate Graphs	Volume Prism 6B	Distribution	Similar Figures	Rational Multiply Add
49	Measurement	Draw Polygons Coor Plane	Summarize Data	Triangle Arguments	Quadratic Graphing
50	Conversions	Nets Surface Area	Sample Populations	Pythagorean Proof	Quadratic Factoring
51	Money Word Problems	Statistics Basics	Sample Inferences	Pythagorean	Quadratic Square Root
52	Mean, Median, Mode	Charts Graphs	Distribution Overlap	Pythagorean Distance	Quadratic Complete Square
53	Area 5	Distribution	Distribution Inferences	Solid Figures	Quadratic Formula
54	Volume Prism 5	Mean Median & Mode	Probability Basics	Scatterplots	Quadratic Word Problems
55	Angles Lines	Histograms	Probability Data	Scatterplots Create	Radical Expressions
56	Angle Measure	Box & Whisker	Probability Model Uniform	Linear Fit	Radical Equations
57	Triangles	Variation MAD	Probability Model Non	Linear Model Problems	Exponential Functions
58	Polygons	Summarize Data	Independent Events	Two-Way Tables	Mixture Ratio Problems
59	Symmetry Transforms	Performance Prob 6C	Table Grids Tree Diagrams	Performance 8	Logic Validity
60	Final Challenge	Final Challenge	Final Challenge	Final Challenge	Final Challenge