

84674 Operations and Algebraic Thinking: Expressions and Patterns

<i>Objective</i>		<i>Page</i>	<i>Title</i>
Evaluate expressions containing parentheses.	5.OA.A.1	1	Which Order?
Evaluate expressions using the order of operations.	5.OA.A.1	2	Order Up!
Evaluate numerical expressions.	5.OA.A.1	3	Evaluating Expressions
Evaluate expressions that contain parentheses.	5.OA.A.1	4	More Parentheses
Translate word expressions to numerical expressions.	5.OA.A.2	5	It's Great to Translate
Rewrite verbal phrases into numeric expressions.	5.OA.A.2	6	Phrases to Symbols
Rewrite numeric expressions as verbal phrases.	5.OA.A.2	7	Symbols to Phrases
Compare numeric expressions without calculating.	5.OA.A.2	8	Compare without Calculating
Find rules for number patterns.	5.OA.B.3	9	Patterns Rule
Find the next term in number patterns.	5.OA.B.3	10	What's Next?
Complete number patterns by finding missing terms.	5.OA.B.3	11	What's Missing?
Use number patterns to solve problems.	5.OA.B.3	12–13	Finding a Pattern
Relate number patterns, ordered pairs, and graphs.	5.OA.B.3	14–15	Number Patterns and Graphs
Find the change in value of a digit as it is multiplied by a power of 10.	5.NBT.A.1	16–17	Digit to Digit
Compare values of digits within a number.	5.NBT.A.1	18	Compare the Digits
Find products of tens or hundreds multiplied by 1-digit numbers.	5.NBT.A.2	19	Tens and Hundreds
Multiply whole numbers by powers of 10.	5.NBT.A.2	20	Multiplying by Powers of 10
Find products or quotients involving powers of 10.	5.NBT.A.2	21	Powerful Numbers
Identify the places and values of decimals through the hundredths place.	5.NBT.A.3a	22	Value Each Decimal Place
Identify decimals for given number names.	5.NBT.A.3a	23	Names for Decimals
Identify the values of digits in decimals through the thousandths place.	5.NBT.A.3a	24	More Values
Name the value of a digit in decimals.	5.NBT.A.3a	25	What's It Worth?
Use $>$, $<$, or $=$ to compare decimals through thousandths.	5.NBT.A.3b	26	Decimal Comparisons
Use $>$, $<$, or $=$ to compare decimals through thousandths.	5.NBT.A.3b	27	How Do We Compare?
Use $>$, $<$, or $=$ to compare two decimals.	5.NBT.A.3b	28	Where to Compare?
Use $>$, $<$, or $=$ to compare two decimals.	5.NBT.A.3b	29	Continue to Compare
Round decimals to the nearest tenth, hundredth, or thousandth.	5.NBT.A.4	30	Round Up
Round decimals to a given place.	5.NBT.A.4	31	Round Them
Round decimals to a given place.	5.NBT.A.4	32	Keep on Rounding

84675 Number and Operations: Whole Numbers and Decimals

<i>Objective</i>		<i>Page</i>	<i>Title</i>
Find products of 2-digit numbers multiplied by 1-digit numbers.	5.NBT.B.5	1	These Are the Times
Find products of 3-digit numbers multiplied by 1-digit numbers.	5.NBT.B.5	2	Let's Multiply
Find products of 4-digit numbers multiplied by 1-digit numbers.	5.NBT.B.5	3	Mega-Multiplication
Find products of 4-digit numbers with zeros multiplied by 1-digit numbers.	5.NBT.B.5	4	Zero Is Something!
Use multiples of 10 to find products or factors.	5.NBT.B.5	5	Patterns and Products
Find products of 3-digit numbers multiplied by 2-digit numbers.	5.NBT.B.5	6	You're on a Roll!
Find products of 3-digit numbers multiplied by 2-digit numbers.	5.NBT.B.5	7	Moving on with Multiplication
Find products of 3- or 4-digit numbers multiplied by 2-digit numbers.	5.NBT.B.5	8	More Products
Find products of 4-digit numbers multiplied by 2-digit numbers.	5.NBT.B.5	9	Many More!
Identify missing numbers in related multiplication and division facts.	5.NBT.B.6	10	Families Matter
Find quotients of 2-digit numbers divided by 1-digit numbers.	5.NBT.B.6	11	That's Teamwork!
Use basic facts and patterns to find quotients.	5.NBT.B.6	12	Division Patterns
Find quotients of 3-digit numbers divided by 1-digit numbers.	5.NBT.B.6	13	Zero? No Problem!
Solve word problems involving division.	5.NBT.B.6	14–15	Dividing in the Flower Garden
Find quotients of 2-digit numbers divided by 2-digit numbers.	5.NBT.B.6	16	Double-Digit Division
Find quotients of 3- or 4-digit numbers divided by 2-digit numbers.	5.NBT.B.6	17	Divide and Conquer
Find quotients of 4-digit numbers divided by 2-digit numbers.	5.NBT.B.6	18	Dizzy with Division
Add decimals.	5.NBT.B.7	19	Decimal Addition

Objective		Page	Title
Find sums of decimals through tenths.	5.NBT.B.7	20	Let's Add Tenths
Find sums of decimals through hundredths.	5.NBT.B.7	21	Dollars and Cents
Subtract decimals.	5.NBT.B.7	22	Decimal Subtraction
Find differences of decimals in tenths.	5.NBT.B.7	23	Tenths Make a Difference
Find differences of decimals in hundredths.	5.NBT.B.7	24	More Dollars and Cents
Find products of whole numbers and decimals.	5.NBT.B.7	25	Decimals Times Whole Numbers
Find products of tenths multiplied by tenths.	5.NBT.B.7	26	Let's Multiply!
Find products of decimals.	5.NBT.B.7	27	Decimal Multiplication
Find products of decimals.	5.NBT.B.7	28	More Decimal Multiplication
Use area models to divide decimals by 1-digit whole numbers.	5.NBT.B.7	29	Model Math
Find quotients of tenths divided by 1-digit whole numbers.	5.NBT.B.7	30	Dividing Decimals by Whole Numbers
Find quotients of decimals through the hundredths place divided by decimals through the hundredths place.	5.NBT.B.7	31	Watch Decimal Dividends Grow!
Find quotients of tenths divided by 2-digit numbers.	5.NBT.B.7	32	What's My Quotient?

84676 Fractions: Add and Subtract

Objective		Page	Title
Use area models to add fractions.	5.NF.A.1	1	Fun with Fractions
Solve word problems involving adding and subtracting fractions and mixed numbers.	5.NF.A.2	2–3	Fraction Sums and Differences
Find sums of two fractions with unlike denominators.	5.NF.A.1	4	It's in the Denominator!
Add and subtract fractions with and without like denominators.	5.NF.A.1	5	Adding and Subtracting Fractions
Find differences between two fractions with unlike denominators.	5.NF.A.1	6	Subtraction Action
Use area models to subtract fractions.	5.NF.A.1	7	What's the Difference?
Solve word problems involving addition and subtraction of fractions.	5.NF.A.2	8–9	Fractional Portions
Represent fractions as division expressions.	5.NF.B.3	10	The Meaning of Fractions
Find fractions to represent real-world scenarios.	5.NF.B.3	11	Fair Share
Use models to multiply fractions and whole numbers.	5.NF.B.4a	12	What's the Fraction?
Find products of fractions multiplied by whole numbers.	5.NF.B.4a	13	Mixed Whole Numbers
Solve word problems showing that a fraction is a division of the numerator by the denominator.	5.NF.B.3	14–15	Share and Share Alike
Use area models to multiply fractions.	5.NF.B.4b	16–17	Imagine That!
Find the product of two fractions.	5.NF.B.4b	18	A Fraction of a Fraction
Find equivalent fractions by multiplying by different forms of 1.	5.NF.B.5a	19	Different Ways to Show the Same Thing
Find equivalent fractions by multiplying by different forms of 1.	5.NF.B.5b	19	Different Ways to Show the Same Thing
Solve word problems involving multiplying fractions, whole numbers, and mixed numbers.	5.NF.B.6	20–21	Fraction Multiplication
Compare products when the same fraction is a factor.	5.NF.B.5a	22	Product Comparisons
Compare products when the same fraction is a factor.	5.NF.B.5b	22	Product Comparisons
Find fraction equivalents by multiplying by different forms of 1.	5.NF.B.5a	23	What's Missing?
Find fraction equivalents by multiplying by different forms of 1.	5.NF.B.5b	23	What's Missing?
Solve word problems involving multiplication of fractions and mixed numbers.	5.NF.B.6	24–25	Fraction Action
Divide unit fractions by whole numbers.	5.NF.B.7a	26	The Great Divide
Divide whole numbers by unit fractions and unit fractions by whole numbers.	5.NF.B.7a	27	Units Divide!
Divide whole numbers by unit fractions and unit fractions by whole numbers.	5.NF.B.7b	27	Units Divide!
Divide whole numbers by fractions.	5.NF.B.7b	28	A Whole Lot of Dividing
Find quotients of whole numbers divided by fractions.	5.NF.B.7b	29	More Division!
Solve word problems involving division with unit fractions.	5.NF.B.7c	30–31	Divide and Conquer
Recognize relationships between multiplication and division.	5.NF.B.7a	32	Same Result

84677 Measurement and Data: Convert and Interpret

Objective		Page	Title
Convert customary linear measures.	5.MD.A.1	1	Customary Length Conversions
Solve word problems involving length.	5.MD.A.1	2–3	Lengths in the Real World

Objective		Page	Title
Objective: Interpret data shown in line plots.	5.MD.B.2	4–5	Working with Line Plots
Apply customary linear measures.	5.MD.A.1	6	Customary Units of Length
Convert metric linear measures.	5.MD.A.1	7	Converting Distance in Metrics
Objective: Interpret data shown in line plots.	5.MD.B.2	8–9	Applying Line Plots
Apply metric linear measures.	5.MD.A.1	10	Metric Units of Length
Convert customary and metric linear measures.	5.MD.A.1	11	Customary and Metric Mix-Up
Interpret data shown in line plots.	5.MD.B.2	12–13	More Line Plots
Convert customary weight measures.	5.MD.A.1	14	Customary Weight Conversions
Apply customary weight and capacity measures.	5.MD.A.1	15	Customary Units of Weight and Capacity
Solve word problems involving weight and mass.	5.MD.A.1	16–17	Weight and Mass at Camp
Convert metric mass measures.	5.MD.A.1	18	Converting Metric Units of Mass
Apply metric mass and capacity measures.	5.MD.A.1	19	Mass & Capacity in the Metric System
Convert customary weight and metric mass measures.	5.MD.A.1	20	Weight and Mass Mixture
Convert customary capacity measures.	5.MD.A.1	21	Customary Capacity Conversions
Solve word problems involving metric capacity.	5.MD.A.1	22–23	Capacities at Work
Convert metric capacity measures.	5.MD.A.1	24	Capacity for Metrics
Convert customary and metric capacity measures.	5.MD.A.1	25	Capacity Scramble
Solve word problems involving time.	5.MD.A.1	26–27	All In a Day
Convert measures of time.	5.MD.A.1	28	Time and Time Again
Use line plots to solve problems.	5.MD.B.2	29	Beakers of Liquid
Objective: Interpret data shown in line plots.	5.MD.B.2	30–31	Line 'Em Up
Interpret data shown in line plots.	5.MD.B.2	32	A Look Back at Line Plots

84678 Geometric Measurement: Volume

Objective		Page	Title
Understand concepts of volume.	5.MD.C.3a	1	Explore Volume
Understand concepts of volume.	5.MD.C.3b	1	Explore Volume
Understand concepts of volume.	5.MD.C.4	1	Explore Volume
Understand concepts of volume.	5.MD.C.5a	1	Explore Volume
Understand concepts of volume.	5.MD.C.5b	1	Explore Volume
Solve word problems about unit cubes.	5.MD.C.3a	2–3	Building Blocks of Volume
Solve word problems about unit cubes.	5.MD.C.3b	2–3	Building Blocks of Volume
Solve word problems about unit cubes.	5.MD.C.4	2–3	Building Blocks of Volume
Solve word problems about unit cubes.	5.MD.C.5a	2–3	Building Blocks of Volume
Solve word problems about unit cubes.	5.MD.C.5b	2–3	Building Blocks of Volume
Solve word problems about unit cubes.	5.MD.C.5c	2–3	Building Blocks of Volume
Find volumes of rectangular solids.	5.MD.C.4	4–5	Turn Up the Volume
Find volumes of rectangular solids.	5.MD.C.5a	4–5	Turn Up the Volume
Count cubic units to find volumes.	5.MD.C.4	6	Counting Volume
Count cubic units to find volumes.	5.MD.C.4	7	Volumes and Volumes
Count cubic units to find volumes.	5.MD.C.4	8	Inches and Inches of Volume
Count cubic units to find volumes.	5.MD.C.4	9	Volume by the Foot
Find expressions used to calculate volume of rectangular prisms.	5.MD.C.5a	10	Calculating Volume
Find expressions used to calculate volume of rectangular prisms.	5.MD.C.5a	11	The Base and Height of Volume
Use the volume formula for rectangular solids.	5.MD.C.5a	12–13	Layers of Volume
Find expressions used to calculate volume of rectangular prisms.	5.MD.C.5b	14	Volume Formulas — $l \times w \times h$
Find expressions used to calculate volume of rectangular prisms.	5.MD.C.5b	15	Volume Formulas — $B \times h$
Find volumes of rectangular prisms.	5.MD.C.5b	16–17	Rectangular Prisms
Use a formula to find volumes of rectangular prisms.	5.MD.C.5b	18	Length, Width, Height
Use a formula to find missing numbers in volume equations.	5.MD.C.5b	19	Not All There
Solve word problems involving volume.	5.MD.C.5b	20–21	Real-World Volume
Find volumes of irregular figures by combining the volumes of their parts.	5.MD.C.5c	22–23	Irregular Volumes
Determine missing dimensions of solid figures given volume.	5.MD.C.5b	24–25	Volume: What's Missing?
Solve word problems involving volume.	5.MD.C.5b	26–27	How Much Does It Hold?
Find volumes of irregular figures by combining the volumes of their parts.	5.MD.C.5c	28–29	Volumes upon Volumes

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Solve problems regarding volume of composite figures.	5.MD.C.5c	30–31	Adjoining Volumes
Find volume by adding volumes of non-overlapping parts.	5.MD.C.5c	32	V Is for Volume!

84679 Geometry: Graphing and 2-D Figures

<i>Objective</i>		<i>Page</i>	<i>Title</i>
Understand vocabulary associated with coordinate planes.	5.G.A.1	1	Coordinate Plane Terminology
Locate points on coordinate grids.	5.G.A.1	2–3	Locate the Point
Locate places on coordinate grids.	5.G.A.1	4–5	Name the Place
Given points in the first quadrant, name the coordinates.	5.G.A.2	6	Get the Point?
Given points in the first quadrant, name the coordinates.	5.G.A.2	7	Moving Around!
Identify points graphed in the first quadrant for a given ordered pair.	5.G.A.2	8	Let's Graph It!
Name ordered pairs for given points graphed in the first quadrant.	5.G.A.2	9	Where Do I Live?
Name ordered pairs for given points graphed in the first quadrant.	5.G.A.2	10	Getting Around Town
Locate points in the first quadrant using ordered pairs.	5.G.A.2	11	Letter It!
Use cardinal directions to find locations on coordinate grids.	5.G.A.2	12–13	Cardinal Coordinates
Find cardinal directions on coordinate grids.	5.G.A.2	14–15	Which Way?
Read information graphed on coordinate grids.	5.G.A.2	16–17	Golf Course Grid
Use coordinate grids to graph shapes.	5.G.A.2	18–19	Take Shape
Complete statements about polygons.	5.G.B.3	20	Polygons Galore
Complete statements about two-dimensional shapes.	5.G.B.3	21	Two-Dimensional
Complete statements about triangles.	5.G.B.3	22–23	Triangle Categories
Analyze attributes of quadrilaterals.	5.G.B.3	24–25	A Closer Look at Quadrilaterals
Understand attributes of parallelograms.	5.G.B.3	26	Specifically Parallelograms
Find shapes that match descriptions.	5.G.B.3	27	Find the Shape
Classify two-dimensional figures.	5.G.B.3	28	Two-Dimensional Attributes
Classify two-dimensional figures.	5.G.B.4	28	Two-Dimensional Attributes
Classify triangles.	5.G.B.4	29	Triangles Classified
Match shapes to descriptions.	5.G.B.4	30–31	Sub-Categories of Quadrilaterals
Complete a hierarchy chart of polygons.	5.G.B.4	32	Hierarchy of Shapes