

Name:

1	Composing and Decomposing		
MATHia Unit	MATHia Workspace	Completed	Reflection
Writing Equivalent Expressions Using the Distributive Property	Commutative and Associative Properties		
	Exploring the Distributive Property with Numeric Expressions		
	Using the Distributive Property with Numeric Expressions		
Area of Triangles and Quadrilaterals	Calculating Area of Rectangles		
	Developing Area Formulas		
	Calculating Area of Various Figures		
Composite Figures	Solving Area Problems		
	Calculating Area of Composite Figures		
Common Factors and Common Multiples	Prime Factorization		
	Determining the LCM or GCF of Two Numbers		
Least Common Multiple and Greatest Common Factor	Using the GCF to Rewrite the Sum of Two Numbers		

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1	Composing and Decomposing		
MATHia Unit	MATHia Workspace	Completed	Reflection
<b>Fraction by Fraction Division</b>	Representing Fraction Division		
	Interpreting Remainders Using Models		
	Developing the Fraction Division Algorithm		
	Multiplying and Dividing Rational Numbers		
<b>Decimal Operations</b>	Converting Fractions to Decimals		
	Adding and Subtracting Decimals		
	Decimal Sums and Differences		
	Exploring Decimal Facts		
	Patterns with Products and Quotients		
	Multiplying Decimals		
	Decimal Products		

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1	Composing and Decomposing		
MATHia Unit	MATHia Workspace	Completed	Reflection
Decimal Operations (Continued)	Dividing Decimals		
	Whole Number and Decimal Quotients		
	Solving Real-World Problems Using Decimal Operations		
Volume and Surface Area of Rectangular Prisms and Pyramids Using Nets	Determining Volume Using Unit Fraction Cubes		
	Calculating Volume of Right Rectangular Prisms		
	Determining Surface Area Using Nets		
	Calculating Surface Area of Prisms and Pyramids Using Nets		

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Relating Quantities

MATHia Unit	MATHia Workspace	Completed	Reflection
<a href="#">Introduction to Ratio and Rate Reasoning</a>	Understanding Ratio Relationships		
<a href="#">Determining Equivalent Ratios</a>	Equivalent Ratios		
	Multiple Representations of Ratios		
	Problem Solving with Equivalent Ratios and Rates using Tables		
<a href="#">Using Tables to Represent Equivalent Ratios</a>	Problem Solving with Equivalent Ratios and Rates Using Double Number Lines		
<a href="#">Graphs of Ratios</a>	Problem Solving with Equivalent Ratios and Rates Using Graphs		
<a href="#">Percent, Fraction, and Decimal Equivalence</a>	Percent Models		
	Fraction, Decimal, Percent Conversions		
<a href="#">Determining the Part and the Whole in Percent Problems</a>	Determining a Part Given a Percent and a Whole		
	Determining a Whole Given a Percent and a Par		

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Relating Quantities

MATHia Unit	MATHia Workspace	Completed	Reflection
Using Ratio Reasoning to Convert Units	Converting Within Systems		
	Converting Between Systems		
Introduction to Unit Rates	Understanding Unit Rates		
	Determining and Comparing Unit Rates		

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3	Determining Unknown Quantities		
MATHia Unit	MATHia Workspace	Completed	Reflection
<b>Evaluating Numeric Expressions</b>	Writing and Evaluating Exponent Expressions		
	Order of Operations		
	Applying the Order of Operations		
	Using Order of Operations to Evaluate Simple Numeric Expressions		
	Using Order of Operations to Evaluate Numeric Expressions with Four Operations		
	Using Order of Operations to Evaluate Numeric Expressions with Parentheses and Exponents		
	Using Order of Operations to Evaluate Numeric Expressions		
<b>Introduction to Algebraic Expressions</b>	Identifying Parts of Simple Algebraic Expressions		
	Evaluating One-Step Expressions with Whole Numbers		
	Evaluating Two-Step Expressions with Whole Numbers		
	Evaluating Multi-Step Expressions		
	Evaluating Expressions with Multiple Variables		

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Determining Unknown Quantities

MATHia Unit	MATHia Workspace	Completed	Reflection
Equivalent Algebraic Expressions	Modeling Equivalent Algebraic Expressions		
	Exploring the Distributive Property with Algebraic Expressions		
	Using Order of Operations to Rewrite Simple Algebraic Expressions		
	Using Order of Operations to Rewrite Algebraic Expressions with Four Operations		
	Using Order of Operations to Rewrite Algebraic Expressions with Parentheses and Exponents		
	Using Order of Operations to Rewrite Algebraic Expressions		
Using Algebraic Expressions to Analyze and Solve Problems	Using Picture Algebra with Addition, Subtraction, and Multiplication		
	Using Picture Algebra with Multiplication, Total Given		
	Using Picture Algebra with Addition and Subtraction, Total Given		
	Patterns and One-Step Expressions		

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Determining Unknown Quantities

MATHia Unit	MATHia Workspace	Completed	Reflection
Reasoning with Algebraic Expressions	Using Substitution to Identify Solutions to Equations		
	Using Substitution to Identify Solutions to Inequalities		
	Graphing Inequalities with Positive Rational Numbers		
	Patterns and One-Step Expressions		
Solving One-Step Addition and Subtraction Equations	Solving One-Step Equations with a Balance		
	Representing One-Step Equations		
	Solving with Addition and Subtraction (No Type In)		
Solving One-Step Multiplication and Division Equations	Solving with Multiplication and Division (No Type In)		
	Solving One-Step Equations (Type In)		



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Determining Unknown Quantities

MATHia Unit	MATHia Workspace	Completed	Reflection
Independent and Dependent Variables	Modeling Scenarios with Equations		
	Analyzing Models of One-Step Linear Relationships		
Multiple Representations of Equations	Patterns and One-Step Equations		
	Problem Solving Using Multiple Representations in the First Quadrant		
	Problem Solving with Decimals		

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Moving Beyond Positive Quantities

MATHia Unit	MATHia Workspace	Completed	Reflection
Introduction to Negative Numbers	Introduction to Negative Numbers		
	Representing Integers on Number Lines		
	Graphing Inequalities with Rational Numbers		
Absolute Value	Using Absolute Value		
Rational Number System	Classifying Rational Numbers		
Extending the Coordinate Plane	Exploring Symmetry on the Coordinate Plane		
	Identifying and Interpreting Ordered Pairs		
	Plotting Points		
Graphing Geometric Figures	Drawing Polygons on the Coordinate Plane		
Problem Solving on the Coordinate Plane	Writing an Expression from a Scenario, Table, or Graph		
	Solving One-Step Equations Using Multiple Representations in Four Quadrants		

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5	Describing Variability of Quantities		
MATHia Unit	MATHia Workspace	Completed	Reflection
Understanding the Statistical Process	Analyzing Distributions with Shape, Center, and Spread		
Analyzing Numerical Data Displays	Creating Dot Plots		
	Interpreting Dot Plots		
Using Histograms to Display Data	Introduction to Histograms		
	Creating Histograms		
	Exploring Histograms		
Analyzing Data Using Measures of Center	Calculating Mean, Median, Mode, and Range		
	Determining Measures of Center		
	Measuring the Effects of Changing Data Sets		
Displaying the Five-Number Summary	Introduction to Box Plots		
	Creating Box Plots		
	Exploring Box Plots		
	Interpreting Box Plots		

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Describing Variability of Quantities

MATHia Unit	MATHia Workspace	Completed	Reflection
Mean Absolute Deviation	Calculating Mean Absolute Deviation		
	Using Mean Absolute Deviation		
Choosing Appropriate Measures	Choosing Appropriate Measures		