

Name:

1	Transforming Geometric Objects		
MATHia Unit	MATHia Workspace	Completed	Reflection
Rigid Motions on the Coordinate Plane	Experimenting with Rigid Motions		
	Translating Plane Figures		
	Reflecting Plane Figures		
	Rotating Plane Figures		
	Describing Rigid Motions Using Coordinates		
Similar Figures on the Coordinate Plane	Defining Similarity		
	Dilating Plane Figures		
	Performing One Transformation		
	Performing Multiple Transformations		
	Describing Transformations Using Coordinates		
Angles and Triangles	Introduction to Triangle Sum and Exterior Angle Theorems		

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1	Transforming Geometric Objects		
MATHia Unit	MATHia Workspace	Completed	Reflection
Lines Cut by a Transversal	Classifying Angles Formed by Transversals		
	Reasoning about Angles Formed by Transversals		
	Calculating Angle Measures Formed by Transversals		

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Developing Functional Foundations

MATHia Unit	MATHia Workspace	Completed	Reflection
Representing Proportional Relationships	Representing Proportional Relationships Algebraically		
	Modeling the Constant of Proportionality		
	Understanding the Slopes of Lines		
	Graphing Linear Relationships		
Linear Models	Multiple Representations of Linear Functions		
	Modeling Linear Functions Using Multiple Representations		
	Calculating Slopes		

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Developing Functional Foundations

MATHia Unit	MATHia Workspace	Completed	Reflection
<p>Writing Equations of a Line</p>	Connecting Slope-Intercept and Point-Slope Forms		
	Writing Equations Given Slope and a Point		
	Writing Equations Given Two Points		
	Modeling Linear Relationships Given an Initial Point		
	Modeling Linear Relationships Given Two Points		
<p>Graphs of Linear Equations in Two Variables</p>	Analyzing Models of Linear Relationships		
	Graphing Given an Integer Slope and y-Intercept		
	Graphing Given a Decimal Slope and y-Intercept		
	Modeling Linear Equations in Standard Form		
	Graphing Linear Equations using a Given Method		
	Graphing Linear Equations using a Chosen Method		

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2		Developing Functional Foundations		
MATHia Unit	MATHia Workspace	Completed	Reflection	
Relations and Functions	Exploring Functions			
Relations and Functions (continued)	Exploring Graphs of Functions			
	Classifying Relations and Functions			
	Identifying Key Characteristics of Graphs of Functions			
Lines of Best Fit	Estimating Lines of Best Fit			
	Using Lines of Best Fit			
Categorical Data	Building Marginal Frequency Distributions			
	Analyzing Marginal Frequency Distributions			
	Building Marginal Relative Frequency Distributions			
	Analyzing Marginal Relative Frequency Distributions			

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3	Modeling Linear Equations		
MATHia Unit	MATHia Workspace	Completed	Reflection
Solving Linear Equations	Exploring Two-Step Equations		
	Solving Multi-Step Equations		
Solving Linear Equations with Similar Terms	Solving by Combining Like Variable Terms and a Constant with Integers (No Type In)		
	Solving by Combining Like Variable Terms and a Constant with Integers (Type In)		
	Solving by Combining Like Variable Terms and a Constant with Decimals (No Type In)		
	Solving by Combining Like Variable Terms and a Constant with Decimals (Type In)		
Linear Models and the Distributive Property	Analyzing Models of Linear Relationships Involving the Distributive Property		
	Modeling Integer Rates of Change		

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3	Modeling Linear Equations		
MATHia Unit	MATHia Workspace	Completed	Reflection
Linear Models and the Distributive Property (continued)	Modeling Fractional Rates of Change		
	Modeling using the Distributive Property over Division		
	Solving with the Distributive Property Over Multiplication		
	Solving with the Distributive Property Over Division		
Linear Equations with Variables on Both Sides	Solving with Integers (No Type In)		
	Solving with Integers (Type In)		
	Solving Equations with One Solution, Infinite, and No Solutions		
	Sorting Equations by Number of Solutions		
Systems of Linear Equations	Introduction to Systems of Linear Equations		
	Modeling Linear Systems Involving Integers		
	Modeling Linear Systems Involving Decimals		
	Solving Linear Systems Using Substitution		

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Expanding Number Systems

MATHia Unit	MATHia Workspace	Completed	Reflection
Rational and Irrational Numbers	Introduction to Irrational Numbers		
	Graphing Real Numbers on a Number Line		
	Ordering Rational and Irrational Numbers		
The Pythagorean Theorem	Exploring the Pythagorean Theorem		
	Applying the Pythagorean Theorem		
	Problem Solving Using the Pythagorean Theorem		
	Calculating Distances on the Coordinate Plane		

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5	Applying Powers		
MATHia Unit	MATHia Workspace	Completed	Reflection
Properties of Whole Number Exponents	Introduction to the Power Rules		
	Using the Product Rule and the Quotient Rule		
	Using the Power to a Power Rule		
	Using the Product to a Power Rule and the Quotient to a Power Rule		
	Using Properties of Exponents with Whole Number Powers		
	Rewriting Expressions with Negative and Zero Exponents		
Scientific Notation	Using Scientific Notation		
	Comparing Numbers using Scientific Notation		

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5	Applying Powers		
MATHia Unit	MATHia Workspace	Completed	Reflection
Volume	Relating Volumes of Cylinders, Cones, and Spheres		
	Calculating Volume of Cylinders		
	Using Volume of Cylinders		
	Calculating Volume of Cones		
	Using Volume of Cones		
	Calculating Volume of Spheres		
	Using Volume of Spheres		