

INNOVATION IN EDUCATION

McDougal Littell Math

July 2009



DESTINATION MATH



HOUGHTON MIFFLIN
LEARNING TECHNOLOGY

Destination Math
Aligned to
McDougal Littell Math Courses II

McDougal Littell Math Lessons	Destination Math
Course II	
Number Strand	
Estimation	
Whole Number Estimation: 54, 582, 745, 746, 748	Course III: <ul style="list-style-type: none"> • Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums • Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division
2.1 Comparing, Ordering, & Rounding Decimals	Course III: <ul style="list-style-type: none"> • Module: Decimals Unit: Introduction Session: Ordering and Rounding Course IV: <ul style="list-style-type: none"> • Module: Decimals Unit: Essentials of Decimals Session: Rounding Decimals
Decimal Estimation: 61, 74	Course III: <ul style="list-style-type: none"> • Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals • Module: Decimals Unit: Addition and Subtraction Session: Subtracting Decimals • Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals • Module: Decimals Unit: Multiplication and Division Session: Dividing Decimals by Whole Numbers Course IV: <ul style="list-style-type: none"> • Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients
Fraction Estimation: 190, 191	Course III: <ul style="list-style-type: none"> • Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators • Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators • Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators • Module: Fractions Unit: Multiplication and Division Session: Finding Products • Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders Course IV: <ul style="list-style-type: none"> • Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions • Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators
Scientific Notation	
2.5 Scientific Notation	Course V: <ul style="list-style-type: none"> • Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation • Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Comparing Numbers in Scientific Notation

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	<ul style="list-style-type: none"> Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific Notation
Tech 2.5 Using Scientific Notation	Course V: <ul style="list-style-type: none"> Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific
Order of Operations	
1.4 Order of Operations	Course IV: <ul style="list-style-type: none"> Module: Integers and Order of Operations Unit: Order of Operations Session: Simplifying Expressions Module: Integers and Order of Operations Unit: Order of Operations Session: Introducing the Distributive Property Module: Integers and Order of Operations Unit: Order of Operations Session: Using Grouping Symbols
Teach 1.4 Using Order of Operations	Course IV: <ul style="list-style-type: none"> Module: Integers and Order of Operations Unit: Order of Operations Session: Simplifying Expressions Module: Integers and Order of Operations Unit: Order of Operations Session: Introducing the Distributive Property Module: Integers and Order of Operations Unit: Order of Operations Session: Using Grouping Symbols
Decimals	
Activity 2.1 Modeling Decimals	Course III: <ul style="list-style-type: none"> Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths Course IV: <ul style="list-style-type: none"> Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values
2.1 Comparing, Ordering, and Rounding Decimals	Course III: <ul style="list-style-type: none"> Module: Decimals Unit: Introduction Session: Ordering and Rounding Course IV: <ul style="list-style-type: none"> Module: Decimals Unit: Essentials of Decimals Session: Rounding Decimals
2.2 Adding and Subtracting Decimals	Course III: <ul style="list-style-type: none"> Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals Module: Decimals Unit: Addition and Subtraction Session: Subtracting Decimals Course IV: <ul style="list-style-type: none"> Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths

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2.3 Multiplying Decimals	<p>Course III:</p> <ul style="list-style-type: none"> Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals <p>Course IV:</p> <ul style="list-style-type: none"> Module: Decimals Unit: Multiplying Decimals Session: Multiplying Decimals by Powers of 10 Module: Decimals Unit: Multiplying Decimals Session: Calculating Products Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism
2.4 Dividing Decimals	<p>Course III:</p> <ul style="list-style-type: none"> Module: Decimals Unit: Multiplication and Division Session: Dividing Decimals by Whole Numbers <p>Course IV:</p> <ul style="list-style-type: none"> Module: Decimals Unit: Dividing Decimals Session: Dividing Decimals by Whole Numbers Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10
Fractions	
4.1 Prime Factorization	<p>Course III:</p> <ul style="list-style-type: none"> Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers
4.2 Greatest Common Factor	<p>Course III:</p> <ul style="list-style-type: none"> Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors
Activity 4.3 Modeling Equivalent Fractions	<p>Course III:</p> <ul style="list-style-type: none"> Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions <p>Course IV:</p> <ul style="list-style-type: none"> Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions
4.3 Equivalent Fractions	<p>Course III:</p> <ul style="list-style-type: none"> Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions <p>Course IV:</p> <ul style="list-style-type: none"> Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions
4.4 Least Common Multiple	<p>Course III:</p> <ul style="list-style-type: none"> Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators <p>Course IV:</p> <ul style="list-style-type: none"> Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators

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Activity 4.5 Comparing Fractions	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions
4.5 Comparing and Ordering Fractions	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions
4.6 Mixed Numbers and Improper Fractions	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions • Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers
5.1 Adding and Subtracting Fractions	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators • Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators • Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators • Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators • Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions • Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Like Denominators • Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Unlike Denominators • Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions
Activity 5.2 Modeling Addition of Mixed Numbers	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators • Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators • Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions

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<p>5.2 Adding and Subtracting Mixed Numbers</p>	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators • Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators • Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators • Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions • Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Unlike Denominators • Module: Fractions Unit: Subtracting Fractions Session: Activity 5.3 Multiplication of Fractions Solving Missing Value Problems when Subtracting Fractions
<p>Activity 5.3 Multiplication of Fractions</p>	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Multiplication and Division Session: Finding Products <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers • Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products • Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication
<p>5.3 Multiplying Fractions and Mixed Numbers</p>	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Multiplication and Division Session: Finding Products <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers • Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products • Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication
<p>5.4 Dividing Fractions and Mixed Numbers</p>	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions • Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses • Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions

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Tech 5.4 Fraction Operations	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators • Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators • Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators • Module: Fractions Unit: Multiplication and Division Session: Finding Products • Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers • Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products • Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication • Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions • Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses • Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions • Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators • Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators • Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions • Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Like Denominators • Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Unlike Denominators • Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions
Ratio and Proportion	
9.2 Percents and Proportions	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent <p>Course V:</p> <ul style="list-style-type: none"> • Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion
8.1 Ratios	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio

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Percent	
9.2 Percents and Proportions	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent <p>Course V:</p> <ul style="list-style-type: none"> • Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion
9.6 Percent of Increase and Decrease	<p>Course IV:</p> <ul style="list-style-type: none"> • Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases • Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases
9.7 Discounts, Markups, Sales Tax, and Tips	<p>Course IV:</p> <ul style="list-style-type: none"> • Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases • Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases
9.8 Simple Interest	<p>Course IV:</p> <ul style="list-style-type: none"> • Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest
Fractions, Decimals, & Percents	
4.7 Fractions and Decimals	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths • Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals
Tech 4.7 Fractions and Decimals	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths • Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents <p>Course IV:</p> <ul style="list-style-type: none"> • Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals
9.1 Percents and Fractions	<p>Course IV:</p> <ul style="list-style-type: none"> • Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions • Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions

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9.3 Percents and Decimals	Course IV: <ul style="list-style-type: none"> Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent
Integers	
6.1 Comparing & Ordering Integers	Course III: <ul style="list-style-type: none"> Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers
Activity 6.2 Modeling Integer Addition	Course III: <ul style="list-style-type: none"> Module: Operations with Numbers Unit: The Integers Session: Integer Sums
6.2 Adding Integers	Course III: <ul style="list-style-type: none"> Module: Operations with Numbers Unit: The Integers Session: Integer Sums
Activity 6.3 Modeling Integer Subtraction	Course III: <ul style="list-style-type: none"> Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers
6.3 Subtracting Integers	Course III: <ul style="list-style-type: none"> Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers
6.4 Multiplying Integers	Course IV: <ul style="list-style-type: none"> Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Products of Signed Numbers Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Representing the Multiplication of Signed Numbers
6.5 Dividing Integers	Course IV: <ul style="list-style-type: none"> Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Quotients Using Reciprocals
Absolute Value	
Integers and Absolute Value: 278-281, 283	Course IV: <ul style="list-style-type: none"> Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Exploring the Number Line and Absolute Value Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Adding with Absolute Value Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Subtracting with Absolute Value
Rational and Irrational Numbers	
6.6 Rational Numbers	Course IV: <ul style="list-style-type: none"> Module: Fractions Unit: Essentials of Fractions Session: Recognizing a Fraction

9 *Destination Math does not align to all standards. Those standards are not shown on this document. This document is a correlation of Destination Math, to the McDougal Littell Math.

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	<ul style="list-style-type: none"> Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals
11.1 Square Roots	Course V: <ul style="list-style-type: none"> Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots
11.2 Approximating Square Roots	Course V: <ul style="list-style-type: none"> Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers
Activity 11.7 Using Square Roots and Pi	Course V: <ul style="list-style-type: none"> Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square
Algebra Strand	
Identity and Inverse Properties Commutative & Associative Properties	
6.6 Rational Numbers	Course IV: <ul style="list-style-type: none"> Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals
The Distributive Property	
6.7 The Distributive Property	Course III: <ul style="list-style-type: none"> Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers Course IV: <ul style="list-style-type: none"> Module: Integers and Order of Operations Unit: Order of Operations Session: Introducing the Distributive Property
Variables and Expressions	
1.2 Variables and Expressions	Course V: <ul style="list-style-type: none"> Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships

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7.2 Simplifying Expressions	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms • Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions • Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation <p>MA I: Course 1:</p> <ul style="list-style-type: none"> • Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions
Write Expressions and Equations	
7.1 Writing Expressions and Equations	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle • Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships • Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations
8.3 Slope	<p>MA I: Course 1:</p> <ul style="list-style-type: none"> • Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope
Tech 8.3: Finding Slope	<p>MA I: Course 1:</p> <ul style="list-style-type: none"> • Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope
Solve Equations	
Activity 7.3 Modeling Addition Equations	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations • Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation
Activity 7.3 Modeling Addition Equations	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations • Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation
Activity 7.4 Modeling Multiplication Equations	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations • Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation • Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation

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7.4 Solving Multiplication and Division Equations	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations • Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation • Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation
7.5 Solving Two-Step Equations	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation • Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable • Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation
Graph Equations	
Activity 6.8 Making a Scatter Plot	<p>MA I: Course 2:</p> <ul style="list-style-type: none"> • Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
6.8 The Coordinate Plane	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane
Tech 6.8 Graphing in a Coordinate Plane	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane
7.8 Graphing Functions	<p>MA I: Course 1:</p> <ul style="list-style-type: none"> • Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line • Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line • Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection • Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines
Tech 7.8 Graphing Functions	<p>MA I: Course 1:</p> <ul style="list-style-type: none"> • Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line • Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line • Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection

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	<ul style="list-style-type: none"> Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines
7.8 Extension: Direct Variation	Course V: <ul style="list-style-type: none"> Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems
8.3 Slope	MA I: Course 1: <ul style="list-style-type: none"> Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope
Functions	
7.7 Functions and Equations	MA I: Course 1: <ul style="list-style-type: none"> Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines
7.8 Graphing Functions	MA I: Course 1: <ul style="list-style-type: none"> Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines
Tech 7.8 Graphing Functions	MA I: Course 1: <ul style="list-style-type: none"> Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines

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Solve Inequalities	
7.6 Solving Inequalities	MA I: Course 1: <ul style="list-style-type: none"> Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line
Use Formulas	
1.6 Perimeter and Area	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Rectangles and Squares Module: Geometry Unit: Measurement Session: Triangles Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids Course V: <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle
9.8 Simple Interest	Course IV: <ul style="list-style-type: none"> Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest
11.4 Area of a Parallelogram	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids
11.5 Areas of Triangles and Trapezoids	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Triangles Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids Course V: <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle
11.6 Circumference of a Circle	Course V: <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
11.7 Area of a Circle	Course V: <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
12.4 Surface Area of Cylinders	Course V: <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
12.5 Volume of Rectangular Prisms	Course IV: <ul style="list-style-type: none"> Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism

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12.6 Volume of Cylinders	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
Geometry Strand	
Angles	
10.1 Angles	<p>Course III:</p> <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles <p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles
10.2 Special Pairs of Angles	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles
Triangles	
10.3 Triangles	<p>Course III:</p> <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Triangles <p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles
The Pythagorean Theorem	
Activity 11.3 Modeling the Pythagorean Theorem	<p>Course V:</p> <ul style="list-style-type: none"> Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean
11.3 The Pythagorean Theorem	<p>Course V:</p> <ul style="list-style-type: none"> Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean <p>MA I: Course 1:</p> <ul style="list-style-type: none"> Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions
Quadrilaterals & Polygons	
10.4 Polygons	<p>Course III:</p> <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Rectangles and Squares

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	<ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Triangles Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids
Circles	
Activity 9.5 Measuring Angles	<p>Course III:</p> <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles <p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles
11.7 Area of a Circle	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
11.6 Circumference of a Circle	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
Congruent and Similar Figures	
10.5 Similar and Congruent Polygons	<p>Course V:</p> <ul style="list-style-type: none"> Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity
10.6 Using Proportions with Similar Polygons	<p>Course V:</p> <ul style="list-style-type: none"> Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity
Symmetry & Transformations	
10.7 Transformations and Symmetry	<p>Course III:</p> <ul style="list-style-type: none"> Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations
Tech 10.7 Investigating Symmetry	<p>Course III:</p> <ul style="list-style-type: none"> Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations
10.8 Transformations in the Coordinate Plane	<p>Course III:</p> <ul style="list-style-type: none"> Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations
Tech 10.8 Translating Points	<p>Course III:</p> <ul style="list-style-type: none"> Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations
Solids	
12.2 Extension: Viewing and Building Solids	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism

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	<ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
The Coordinate Plane	
6.8 The Coordinate Plane	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane
Tech 6.8 Graphing in a Coordinate Plane	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane
Measurement Strand	
Perimeter and Area	
Activity 1.6 Investigating Area	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Rectangles and Squares Module: Geometry Unit: Measurement Session: Triangles Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids Course V: <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle
1.6 Perimeter and Area	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Rectangles and Squares Module: Geometry Unit: Measurement Session: Triangles Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids Course V: <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle
11.4 Area of a Parallelogram	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids
Activity 11.5 Modeling Areas of Triangles & Trapezoids	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Triangles Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids Course V: <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle
11.5 Areas of Triangles and Trapezoids	Course III: <ul style="list-style-type: none"> Module: Geometry Unit: Measurement Session: Triangles Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids

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	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle
11.6 Circumference of a Circle	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
Activity 11.7 Using Square Roots and Pi	<p>Course IV:</p> <ul style="list-style-type: none"> Module: Decimals Unit: Essentials of Decimals Session: Rounding Decimals <p>Course V:</p> <ul style="list-style-type: none"> Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square
Surface Area and Volume	
12.4 Surface Area of Cylinders	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
Activity 12.5 Investigating Volume	<p>Course IV:</p> <ul style="list-style-type: none"> Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism <p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
12.5 Volume of Rectangular Prisms	<p>Course IV:</p> <ul style="list-style-type: none"> Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism
12.6 Volume of Cylinders	<p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
Tech 12.6 Surface Area and Volume	<p>Course IV:</p> <ul style="list-style-type: none"> Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism <p>Course V:</p> <ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism

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	<ul style="list-style-type: none"> Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder
Data Analysis Strand	
Make and Interpret Data Displays	
3.2 Bar Graphs and Line Graphs	Course V: <ul style="list-style-type: none"> Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs
Tech 3.2 Making Data Displays	Course III: <ul style="list-style-type: none"> Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data
3.3 Stem-and-Leaf Plots	MA I: Course 2: <ul style="list-style-type: none"> Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
Activity 3.4 Organizing Data Using the Median	MA I: Course 2: <ul style="list-style-type: none"> Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
3.4 Box-and-Whisker Plots	MA I: Course 2: <ul style="list-style-type: none"> Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
3.5 Histograms	Course V: <ul style="list-style-type: none"> Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram
Activity 6.8 Making a Scatter Plot	MA I: Course 2: <ul style="list-style-type: none"> Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
9.5 Circle Graphs	Course V: <ul style="list-style-type: none"> Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts
Tech 9.5 Making Circle Graphs	Course V: <ul style="list-style-type: none"> Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts
Measures of Central Tendency	
3.1 Mean, Median, and Mode	Course V: <ul style="list-style-type: none"> Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mode Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Calculating the Mean, Median, & Mode

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Probability Strand	
Find Probability	
Activity 13.1 Investigating Probability	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance <p>Course V:</p> <ul style="list-style-type: none"> • Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability
13.1 Introduction to Probability	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance <p>Course V:</p> <ul style="list-style-type: none"> • Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability
13.6 Independent and Dependent Events	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Calculating the Probability of Independent Events • Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Determining the Sample Space of an Experiment • Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Calculating the Probability of Mutually Exclusive Events
Find Outcomes	
13.2 Tree Diagrams	<p>Course III:</p> <ul style="list-style-type: none"> • Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance <p>Course V:</p> <ul style="list-style-type: none"> • Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Calculating the Probability of Mutually Exclusive Events
Activity 13.3 Determining Outcomes	<p>Course V:</p> <ul style="list-style-type: none"> • Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Calculating the Probability of Mutually Exclusive Events