Riverdeep
Correlations

DESTINATION
Math.

Correlation of Destination Math ® Courseware to Delaware State Standards
March - 2005

www.riverdeep.net

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Kindergarten - Grade 3							
Standard 1:Students will develop their ability to SOLVE PROBLEMS by engaging in developmentally appropriate problem-solving opportunities in which there is a need to use various approaches to investigate and understand mathematical concepts; to formulate their own problems; to find solutions to problems from everyday situations; to develop and apply strategies to solve a wide variety of problems; and to integrate mathematical reasoning, communication and connections.							
1.01 persist and solve problems from start to finish;	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
	Module: Geometry and Measurement Unit: Measurement Session: Money	Module: Operations with Numbers Unit: Division Session: Meaning of Division					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes	Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Number Patterns	Module: Operations with Numbers Unit: Division Session: Fractional Parts					
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Tables and Graphs	Module: Geometry and Measurement Unit: Geometry Session: Area					
		Module: Geometry and Measurement Unit: Geometry Session: Volume					
		Module: Geometry and Measurement Unit: Measurement Session: Time					
		Module: Geometry and Measurement Unit: Measurement Session: Money					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Geometry and Measurement Unit: Measurement Session: Temperature					
		Module: Algebraic Thinking Unit: Properties and Relationships Session: Number Patterns and Properties					
1.02 investigate and build their understanding of mathematical content;							
1.03 formulate problems from everyday and mathematical situations;							
1.04 develop and apply strategies to solve problems;	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					

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	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
		Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
		Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					

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		Module: Operations with Numbers Unit: Division Session: Meaning of Division					
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
		Module: Operations with Numbers Unit: Division Session: Fractional Parts					
1.05 interpret results with respect to the original problem;							
1.06 generalize strategies and solutions to new problem situations.							

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Standard 2: Students will develop their ability to COMMUNICATE MATHEMATICALLY by solving problems in which there is a need to obtain information from the real world through reading, listening and observing; to translate this information into mathematical language and symbols; to process this information mathematically; and to present results in written, oral and visual formats.							
2.01 model real-world situations using oral, written, concrete, pictorial, graphical and algebraic methods;	Module: Number Sense Unit: Numbers from 1 to 5 Session: Counting from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Sets of 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Representations of the Numbers from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Counting from 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Expanded Form and Equivalent Representations of a Number					

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	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Sets of 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Representations of the Numbers from 5 to 10	Module: Number Sense Unit: Numbers to 9,999 Session: Place Value: Thousands, Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One More Than	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One Fewer Than and Zero	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 10 to 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 20 to 50	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 50 to 100	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Tens and Fives	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Twos	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
	Module: Number Sense Unit: Comparing and Ordering Session: More Than, Less Than, or The Same	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100	Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Division Session: Meaning of Division					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Division Session: Fractional Parts					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Geometry and Measurement Unit: Geometry Session: Area					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Geometry and Measurement Unit: Geometry Session: Volume					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20	Module: Geometry and Measurement Unit: Measurement Session: Time					
	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Geometry and Measurement Unit: Measurement Session: Money					

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	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Geometry and Measurement Unit: Measurement Session: Temperature					
	Module: Geometry and Measurement Unit: Measurement Session: Clock and Calendar Time	Module: Algebraic Thinking Unit: Properties and Relationships Session: Number Patterns and Properties					
	Module: Geometry and Measurement Unit: Measurement Session: Money						
	Module: Geometry and Measurement Unit: Geometry Session: Triangles and Rectangles						
	Module: Geometry and Measurement Unit: Geometry Session: Three-Dimensional Shapes						
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes						

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	Module: Algebraic Thinking Unit: Patterns and Displays Session: Number Patterns						
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Tables and Graphs						
2.02 use reading, listening, viewing, speaking and writing to explain and develop mathematical ideas;							
2.03 use mathematical notation and language to describe and discuss real-world situations;	Module: Number Sense Unit: Numbers from 1 to 5 Session: Counting from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Sets of 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Representations of the Numbers from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones					

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	Module: Number Sense Unit: Numbers from 1 to 10 Session: Counting from 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Expanded Form and Equivalent Representations of a Number					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Sets of 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Representations of the Numbers from 5 to 10	Module: Number Sense Unit: Numbers to 9,999 Session: Place Value: Thousands, Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One More Than	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One Fewer Than and Zero	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 10 to 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					

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	Module: Number Sense Unit: Numbers to 100 Session: Counting from 20 to 50	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 50 to 100	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Tens and Fives	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Twos	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
	Module: Number Sense Unit: Comparing and Ordering Session: More Than, Less Than, or The Same	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100	Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					

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	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Division Session: Meaning of Division					
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Division Session: Fractional Parts					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Geometry and Measurement Unit: Geometry Session: Area					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Geometry and Measurement Unit: Geometry Session: Volume					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20	Module: Geometry and Measurement Unit: Measurement Session: Time					

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	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Geometry and Measurement Unit: Measurement Session: Money					
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Geometry and Measurement Unit: Measurement Session: Temperature					
	Module: Geometry and Measurement Unit: Measurement Session: Clock and Calendar Time	Module: Algebraic Thinking Unit: Properties and Relationships Session: Number Patterns and Properties					
	Module: Geometry and Measurement Unit: Measurement Session: Money						
	Module: Geometry and Measurement Unit: Geometry Session: Triangles and Rectangles						
	Module: Geometry and Measurement Unit: Geometry Session: Three-Dimensional Shapes						

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	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes						
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Number Patterns						
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Tables and Graphs						
2.04 read mathematics with understanding;							
2.05 develop common understandings of mathematical ideas and use generalizations discovered through investigations to formulate definitions;	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Representations of the Numbers from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Representations of the Numbers from 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones					

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	Module: Number Sense Unit: Numbers from 1 to 10 Session: One More Than	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One Fewer Than and Zero	Module: Number Sense Unit: Numbers to 999 Session: Expanded Form and Equivalent Representations of a Number					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Tens and Fives	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Twos	Module: Number Sense Unit: Numbers to 9,999 Session: Place Value: Thousands, Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Comparing and Ordering Session: More Than, Less Than, or The Same	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					

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	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
	Module: Geometry and Measurement Unit: Measurement Session: Clock and Calendar Time	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					

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	Module: Geometry and Measurement Unit: Measurement Session: Money	Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
	Module: Geometry and Measurement Unit: Geometry Session: Triangles and Rectangles	Module: Operations with Numbers Unit: Division Session: Meaning of Division					
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes	Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Number Patterns	Module: Operations with Numbers Unit: Division Session: Fractional Parts					
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Tables and Graphs	Module: Geometry and Measurement Unit: Geometry Session: Area					
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		Module: Geometry and Measurement Unit: Measurement Session: Time					
		Module: Geometry and Measurement Unit: Measurement Session: Money					
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2.06 ask questions to clarify the problem situation.							

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Standard 3: Students will develop their ability to REASON MATHEMATICALLY by solving problems in which there is a need to investigate significant mathematical ideas in all content areas; to justify their thinking; to reinforce and extend their logical reasoning abilities; to reflect on and clarify their own thinking; to ask questions to extend their thinking; and to construct their own learning.							
3.01 formulate and test conjectures;							
3.02 draw and then justify conclusions;							
3.03 construct and follow logical arguments;							

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3.04 use properties, models, known facts, and relationships to explain and defend their thinking.							
Standard 4: Students will develop their ability to make MATHEMATICAL CONNECTIONS by solving problems in which there is a need to view mathematics as an integrated whole and to integrate mathematics with other disciplines, while allowing the flexibility to approach problems, from within and outside mathematics, in a variety of ways.							
4.01 make connections linking conceptual and procedural knowledge;	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Representations of the Numbers from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Representations of the Numbers from 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One More Than	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones					

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	Module: Number Sense Unit: Comparing and Ordering Session: More Than, Less Than, or The Same	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100	Module: Number Sense Unit: Numbers to 9,999 Session: Place Value: Thousands, Hundreds, Tens, and Ones					
	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					

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	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Geometry and Measurement Unit: Geometry Session: Triangles and Rectangles	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
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	Module: Algebraic Thinking Unit: Patterns and Displays Session: Number Patterns	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Tables and Graphs	Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					

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		Module: Operations with Numbers Unit: Division Session: Meaning of Division					
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
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		Module: Geometry and Measurement Unit: Geometry Session: Area					
		Module: Geometry and Measurement Unit: Geometry Session: Volume					
		Module: Algebraic Thinking Unit: Properties and Relationships Session: Number Patterns and Properties					

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4.02 integrate mathematical problem-solving with other curricular areas;							
4.03 use connections among mathematical topics;							
4.04 use various representations of the same concept;	Module: Number Sense Unit: Numbers from 1 to 5 Session: Counting from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Sets of 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Representations of the Numbers from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Counting from 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Expanded Form and Equivalent Representations of a Number					

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	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Sets of 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Representations of the Numbers from 5 to 10	Module: Number Sense Unit: Numbers to 9,999 Session: Place Value: Thousands, Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 10 to 20	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 20 to 50	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 50 to 100	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
	Module: Geometry and Measurement Unit: Geometry Session: Triangles and Rectangles	Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes	Module: Operations with Numbers Unit: Division Session: Meaning of Division					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Number Patterns	Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
		Module: Operations with Numbers Unit: Division Session: Fractional Parts					
		Module: Geometry and Measurement Unit: Geometry Session: Area					
		Module: Geometry and Measurement Unit: Geometry Session: Volume					
4.05 make connections from manipulative solutions to algorithmic solutions to technological solutions;	Module: Number Sense Unit: Numbers from 1 to 5 Session: Counting from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Sets of 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Representations of the Numbers from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Counting from 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Expanded Form and Equivalent Representations of a Number					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Sets of 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Representations of the Numbers from 5 to 10	Module: Number Sense Unit: Numbers to 9,999 Session: Place Value: Thousands, Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One More Than	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One Fewer Than and Zero	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 10 to 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 20 to 50	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 50 to 100	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Tens and Fives	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Twos	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Division Session: Meaning of Division					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Division Session: Fractional Parts					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20						
4.06 determine the reasonableness of a mathematical solution as it applies in a real-world situation.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 5: Students will develop an understanding of ESTIMATION, MEASUREMENT, and COMPUTATION by solving problems in which there is a need to measure to a required degree of accuracy by selecting appropriate tools and units; to develop computing strategies and select appropriate methods of calculation from among mental math, paper and pencil, calculators or computers; to use estimating skills to approximate an answer and to determine the reasonableness of results.							
5.10 estimate and then measure length, perimeter, time, temperature, and weight/mass to the nearest unit using standard and nonstandard units;	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Geometry and Measurement Unit: Measurement Session: Time					
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Geometry and Measurement Unit: Measurement Session: Temperature					
	Module: Geometry and Measurement Unit: Measurement Session: Clock and Calendar Time						

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
5.11 determine the value of a given set of coins;	Module: Geometry and Measurement Unit: Measurement Session: Money	Module: Geometry and Measurement Unit: Measurement Session: Money					
5.12 measure and compute the perimeter of rectangles;			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
5.13 use multiple computational procedures with whole numbers;		Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
		Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
5.14 add and subtract single-digit and multi-digit whole numbers;	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20						
5.15 multiply whole numbers using at least one single-digit factor;		Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
		Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
5.16 divide whole numbers using single-digit divisors;		Module: Operations with Numbers Unit: Division Session: Meaning of Division					
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
5.17 make estimates before measuring, counting and computing;	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
		Module: Geometry and Measurement Unit: Geometry Session: Area					
5.18 round whole numbers and values of money as an estimation strategy;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers				
5.19 select appropriate measures to compare objects;	Module: Number Sense Unit: Comparing and Ordering Session: More Than, Less Than, or The Same	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Geometry and Measurement Unit: Geometry Session: Area					
		Module: Geometry and Measurement Unit: Geometry Session: Volume					
		Module: Geometry and Measurement Unit: Measurement Session: Money					
5.20 compare objects through measurable attributes;	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Geometry and Measurement Unit: Geometry Session: Area					
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Geometry and Measurement Unit: Geometry Session: Volume					
	Module: Geometry and Measurement Unit: Geometry Session: Triangles and Rectangles	Module: Geometry and Measurement Unit: Measurement Session: Money					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Geometry and Measurement Unit: Geometry Session: Three-Dimensional Shapes						
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes						
	Module: Geometry and Measurement Unit: Measurement Session: Money						
5.21 read and write decimal notation when representing money.		Module: Geometry and Measurement Unit: Measurement Session: Money					
Standard 6: Students will develop NUMBER SENSE by solving problems in which there is a need to represent and model real numbers verbally, physically and symbolically; to use operations with understanding; to explain the relationships between numbers; to apply the concept of a unit; and to determine the relative magnitude of real numbers.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
6.10 connect physical, verbal and symbolic representations of whole numbers;	Module: Number Sense Unit: Numbers from 1 to 5 Session: Counting from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Sets of 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Representations of the Numbers from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Counting from 5 to 10	Module: Number Sense Unit: Numbers to 999 Session: Expanded Form and Equivalent Representations of a Number					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Sets of 5 to 10	Module: Number Sense Unit: Numbers to 9,999 Session: Place Value: Thousands, Hundreds, Tens, and Ones					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Representations of the Numbers from 5 to 10						

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One More Than						
	Module: Number Sense Unit: Numbers from 1 to 10 Session: One Fewer Than and Zero						
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 10 to 20						
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 20 to 50						
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 50 to 100						
6.11 show whole/part relationships;		Module: Operations with Numbers Unit: Division Session: Fractional Parts					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
6.12 use fractions to represent part of a whole and part of a set;		Module: Operations with Numbers Unit: Division Session: Fractional Parts					
6.13 decompose and recompose whole numbers using addition and subtraction;	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
		Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
6.14 build whole numbers using the concept of place value using base ten;		Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
		Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones					
		Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones					
		Module: Number Sense Unit: Numbers to 9,999 Session: Place Value: Thousands, Hundreds, Tens, and Ones					
6.15 demonstrate an understanding of order relations for whole numbers;	Module: Number Sense Unit: Comparing and Ordering Session: More Than, Less Than, or The Same	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
6.16 examine the relative effect of operations on whole numbers;	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
		Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
		Module: Operations with Numbers Unit: Division Session: Meaning of Division					
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
		Module: Operations with Numbers Unit: Division Session: Fractional Parts					
6.17 recognize the arbitrary size of a unit;	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Geometry and Measurement Unit: Geometry Session: Area					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Geometry and Measurement Unit: Geometry Session: Volume					
6.18 connect repeated addition with multiplication and repeated subtraction with division;		Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
		Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
		Module: Operations with Numbers Unit: Division Session: Meaning of Division					
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
6.19 recognize inverse operations: subtraction/addition and division/multiplication;		Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
6.20 count sets of objects and units of measure;	Module: Number Sense Unit: Numbers from 1 to 5 Session: Counting from 1 to 5	Module: Number Sense Unit: Numbers to 999 Session: Counting by Grouping					
	Module: Number Sense Unit: Numbers from 1 to 5 Session: Creating Sets of 1 to 5	Module: Geometry and Measurement Unit: Geometry Session: Area					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Counting from 5 to 10	Module: Geometry and Measurement Unit: Geometry Session: Volume					
	Module: Number Sense Unit: Numbers from 1 to 10 Session: Creating Sets of 5 to 10	Module: Geometry and Measurement Unit: Measurement Session: Temperature					
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 10 to 20						

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 20 to 50						
	Module: Number Sense Unit: Numbers to 100 Session: Counting from 50 to 100						
	Module: Geometry and Measurement Unit: Measurement Session: Length						
	Module: Geometry and Measurement Unit: Measurement Session: Weight						
6.21 count on, count back, and count by multiples.	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Tens and Fives	Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Twos	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10						
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20						
Standard 7: Students will develop an understanding of ALGEBRA by solving problems in which there is a need to progress from the concrete to the abstract using physical models, equations and graphs; to generalize number patterns; and to describe, represent and analyze relationships among variable quantities.							
7.10 represent operations with symbols;	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100	Module: Number Sense Unit: Numbers to 999 Session: Comparing and Ordering					
	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Number Sense Unit: Numbers to 9,999 Session: Comparing and Ordering					
	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					
		Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
		Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
		Module: Operations with Numbers Unit: Division Session: Meaning of Division					
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
		Module: Algebraic Thinking Unit: Properties and Relationships Session: Number Patterns and Properties					
7.11 use symbols as representations of variables such as missing addends or factors;	Module: Addition and Subtraction Unit: Addition Session: Comparing within 10	Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Number Sense Unit: Comparing and Ordering Session: Comparing Numbers within 100						
7.12 generate and write number sentences vertically and horizontally;	Module: Addition and Subtraction Unit: Addition Session: Combining and Joining within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Sums Less than 100					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20, with 10 as One Addend	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000					
	Module: Addition and Subtraction Unit: Addition Session: Sums within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Differences within 100					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 10	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 1,000					
	Module: Addition and Subtraction Unit: Subtraction Session: Differences within 20	Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Operations with Numbers Unit: Multiplication Session: Repeated Addition and Arrays					
		Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
		Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100					
		Module: Operations with Numbers Unit: Division Session: Meaning of Division					
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number					
7.13 solve open sentences using informal methods.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 8: Students will develop SPATIAL SENSE and an understanding of GEOMETRY by solving problems in which there is a need to recognize, construct, transform, analyze properties of, and discover relationships between, geometric figures.							
8.10 sort solid and plane figures by common attributes;	Module: Geometry and Measurement Unit: Geometry Session: Three-Dimensional Shapes						
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes						
8.11 recognize congruence of geometric figures in the real world;	Module: Geometry and Measurement Unit: Geometry Session: Triangles and Rectangles						
	Module: Geometry and Measurement Unit: Geometry Session: Three-Dimensional Shapes						
8.12 identify and create symmetrical shapes (line symmetry);			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
8.13 draw an example of a flip, slide, or turn given a model;			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations				
8.14 draw a square, rectangle, and triangle on grid paper;	Module: Geometry and Measurement Unit: Geometry Session: Triangles and Rectangles						
8.15 describe the effect of combining two or more shapes.	Module: Geometry and Measurement Unit: Geometry Session: Three-Dimensional Shapes	Module: Geometry and Measurement Unit: Geometry Session: Area					
Standard 9: Students will develop an understanding of STATISTICS AND PROBABILITY by solving problems in which there is a need to collect, appropriately represent, and interpret data; to make inferences or predictions; to present convincing arguments; and to model mathematical situations to determine the probability.							
9.10 collect data by observing, measuring, surveying and counting;	Module: Algebraic Thinking Unit: Patterns and Displays Session: Tables and Graphs						

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
9.11 demonstrate a variety of techniques for representing and organizing data such as using physical objects, tallies, pictographs, and bar graphs;	Module: Algebraic Thinking Unit: Patterns and Displays Session: Tables and Graphs						
9.12 interpret data by: looking for patterns and relationships, considering cause and effect, drawing conclusions, answering the stated question or related questions;	Module: Algebraic Thinking Unit: Patterns and Displays Session: Tables and Graphs						
9.13 determine the likelihood of a simple chance event.			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				
Standard 10: Students will develop an understanding of PATTERNS, RELATIONSHIPS AND FUNCTIONS by solving problems in which there is a need to recognize and extend a variety of patterns; and to analyze, represent, model and describe real-world functional relationships.							
10.10 sort and classify objects by common attributes;	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes						
10.11 recognize, analyze, create and extend visual, symbolic, oral and physical patterns;	Module: Algebraic Thinking Unit: Patterns and Displays Session: Shapes						

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
	Module: Algebraic Thinking Unit: Patterns and Displays Session: Number Patterns						
10.12 sort numbers into different classes such as evens, odds, multiples and factors.	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Tens and Fives	Module: Operations with Numbers Unit: Multiplication Session: Skip Counting to Show Multiplication					
	Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Twos						
Grade 4 -Grade 5							
Standard 1:Students will develop their ability to SOLVE PROBLEMS by engaging in developmentally appropriate problem-solving opportunities in which there is a need to use various approaches to investigate and understand mathematical concepts; to formulate their own problems; to find solutions to problems from everyday situations; to develop and apply strategies to solve a wide variety of problems; and to integrate mathematical reasoning, communication and connections.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
1.01 persist and solve problems from start to finish;			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums				
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			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				
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles				
			Module: Geometry Unit: Measurement Session: Rectangles and Squares				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Measurement Session: Triangles				
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
1.02 investigate and build their understanding of mathematical content;							
1.03 formulate problems from everyday and mathematical situations;							
1.04 develop and apply strategies to solve problems;			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums				
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Multiplication and Division Session: Finding Products				
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders				
			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				
1.05 interpret results with respect to the original problem;							
1.06 generalize strategies and solutions to new problem situations.							
Standard 2: Students will develop their ability to COMMUNICATE MATHEMATICALLY by solving problems in which there is a need to obtain information from the real world through reading, listening and observing; to translate this information into mathematical language and symbols; to process this information mathematically; and to present results in written, oral and visual formats.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
2.01 model real-world situations using oral, written, concrete, pictorial, graphical and algebraic methods;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million				
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers				
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums				
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions				
			Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			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				
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths				
			Module: Decimals Unit: Introduction Session: Ordering and Rounding				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents				
			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				
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
			Module: Geometry Unit: Measurement Session: Triangles				
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				
2.02 use reading, listening, viewing, speaking and writing to explain and develop mathematical ideas;							
2.03 use mathematical notation and language to describe and discuss real-world situations;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million				
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers				
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums				
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions				
			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths				
			Module: Decimals Unit: Introduction Session: Ordering and Rounding				
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents				
			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Multiplication and Division Session: Dividing Decimals by Whole Numbers				
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles				
			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
			Module: Geometry Unit: Measurement Session: Triangles				
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				
2.04 read mathematics with understanding;							
2.05 develop common understandings of mathematical ideas and use generalizations discovered through investigations to formulate definitions;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million				
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions				
			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				
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths				
			Module: Decimals Unit: Introduction Session: Ordering and Rounding				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents				
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles				
			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
			Module: Geometry Unit: Measurement Session: Triangles				
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				
2.06 ask questions to clarify the problem situation.							
Standard 3: Students will develop their ability to REASON MATHEMATICALLY by solving problems in which there is a need to investigate significant mathematical ideas in all content areas; to justify their thinking; to reinforce and extend their logical reasoning abilities; to reflect on and clarify their own thinking; to ask questions to extend their thinking; and to construct their own learning.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
3.01 formulate and test conjectures;							
3.02 draw and then justify conclusions;							
3.03 construct and follow logical arguments;							
3.04 use properties, models, known facts, and relationships to explain and defend their thinking.							
Standard 4: Students will develop their ability to make MATHEMATICAL CONNECTIONS by solving problems in which there is a need to view mathematics as an integrated whole and to integrate mathematics with other disciplines, while allowing the flexibility to approach problems, from within and outside mathematics, in a variety of ways.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
4.01 make connections linking conceptual and procedural knowledge;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million				
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers				
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions				
			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths				
			Module: Decimals Unit: Introduction Session: Ordering and Rounding				
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents				
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles				
			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
			Module: Geometry Unit: Measurement Session: Triangles				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				
4.02 integrate mathematical problem-solving with other curricular areas;							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
4.03 use connections among mathematical topics;							
4.04 use various representations of the same concept;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million				
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions				
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths				
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents				
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals				
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals				
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				
4.05 make connections from manipulative solutions to algorithmic solutions to technological solutions;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums				
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions				
			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths				
			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				
4.06 determine the reasonableness of a mathematical solution as it applies in a real-world situation.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 5: Students will develop an understanding of ESTIMATION, MEASUREMENT, and COMPUTATION by solving problems in which there is a need to measure to a required degree of accuracy by selecting appropriate tools and units; to develop computing strategies and select appropriate methods of calculation from among mental math, paper and pencil, calculators or computers; to use estimating skills to approximate an answer and to determine the reasonableness of results.							
5.40 estimate and then measure length, perimeter, time, temperature, weight/mass, capacity and area to the degree of accuracy required using standard and nonstandard units;		Module: Geometry and Measurement Unit: Geometry Session: Volume	Module: Geometry Unit: Measurement Session: Triangles				
		Module: Geometry and Measurement Unit: Measurement Session: Time	Module: Geometry Unit: Measurement Session: Rectangles and Squares				
		Module: Geometry and Measurement Unit: Measurement Session: Temperature					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Geometry and Measurement Unit: Geometry Session: Area					
5.41 describe the structure and the use of systems of measurement;	Module: Geometry and Measurement Unit: Measurement Session: Length	Module: Geometry and Measurement Unit: Geometry Session: Area					
	Module: Geometry and Measurement Unit: Measurement Session: Weight	Module: Geometry and Measurement Unit: Geometry Session: Volume					
5.42 estimate, measure and compute the perimeter of polygons;			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
			Module: Geometry Unit: Measurement Session: Triangles				
5.43 use algorithms for addition, subtraction, multiplication and division with understanding;		Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Differences within 9,999	Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
		Module: Operations with Numbers Unit: Multiplication Session: Finding Products Less than 100	Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				
5.44 use multiple computational procedures to add and subtract fractions and decimals, to multiply fractions, and to divide whole numbers using multi-digit divisors;			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: Decimals Unit: Addition and Subtraction Session: Adding Decimals				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Addition and Subtraction Session: Subtracting Decimals				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
5.45 estimate, measure and compute the area of rectangles;			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
5.46 make estimates before measuring and computing and determine if an estimate is reasonable;			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			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				
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			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				
5.47 round decimals as an estimation strategy;			Module: Decimals Unit: Introduction Session: Ordering and Rounding				
5.48 determine if an estimate is more appropriate than an exact answer;							
5.49 make change by counting on and counting back.		Module: Geometry and Measurement Unit: Measurement Session: Money					

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 6: Students will develop NUMBER SENSE by solving problems in which there is a need to represent and model real numbers verbally, physically and symbolically; to use operations with understanding; to explain the relationships between numbers; to apply the concept of a unit; and to determine the relative magnitude of real numbers.							
6.40 connect physical, verbal and symbolic representations of fractions, decimals, and whole numbers;		Module: Operations with Numbers Unit: Division Session: Fractional Parts	Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions				
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions				
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths				
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
6.41 decompose and recompose whole numbers using all arithmetic operations;			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums				
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
6.42 build decimal representations using base ten;			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths				
6.43 demonstrate the need for and the connection between decimals and fractions;			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals	Module: Decimals Unit: Multiplying Decimals Session: Multiplying Decimals by Powers of 10			
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals	Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals			
6.44 demonstrate an understanding of order relations for fractions, decimals, and whole numbers using physical, verbal and symbolic representations;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers				
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Ordering and Rounding				
6.45 examine the relative effect of operations on whole numbers, fractions, and decimals;			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums				
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums				
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division				
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors				
			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				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders				
			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				
6.46 recognize the arbitrary size of a unit and its relationship to fractional and decimal parts.			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 7: Students will develop an understanding of ALGEBRA by solving problems in which there is a need to progress from the concrete to the abstract using physical models, equations and graphs; to generalize number patterns; and to describe, represent and analyze relationships among variable quantities.							
7.40 solve equations using methods such as inverse operations, mental math, and guess and check;		Module: Operations with Numbers Unit: Addition and Subtraction Session: Estimating and Finding Sums less than 1,000	Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers				
		Module: Operations with Numbers Unit: Division Session: Dividing by a 1-digit Number	Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers				
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals				
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
7.41 find solutions to inequalities from a given replacement set;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers				
7.42 use letters as variable representations.							
Standard 8: Students will develop SPATIAL SENSE and an understanding of GEOMETRY by solving problems in which there is a need to recognize, construct, transform, analyze properties of, and discover relationships between, geometric figures.							
8.40 visualize, represent, and draw geometric figures (triangle, quadrilaterals, and regular polygons);			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
			Module: Geometry Unit: Measurement Session: Triangles				
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane				
8.41 given a net, build three dimensional figures such as a cube, rectangular prism, cylinder and square pyramid;							
8.42 manipulate and draw polygons using flips, slides and turns;			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations				
8.43 define polygons using their attributes such as number of sides, parallel or perpendicular sides, number of vertices, and classification of angles;			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles				
			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
			Module: Geometry Unit: Measurement Session: Triangles				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids				
8.44 identify, describe, compare and classify two dimensional figures and investigate their relationships.			Module: Geometry Unit: Measurement Session: Rectangles and Squares				
			Module: Geometry Unit: Measurement Session: Triangles				
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids				
Standard 9: Students will develop an understanding of STATISTICS AND PROBABILITY by solving problems in which there is a need to collect, appropriately represent, and interpret data; to make inferences or predictions; to present convincing arguments; and to model mathematical situations to determine the probability.							
9.40 systematically collect, organize and describe data;			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
9.41 construct and describe displays of data;			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
9.42 calculate and use the mean to interpret data;			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
9.43 select and use data displays such as line plots, tables, histograms, and scale pictographs;			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
9.44 interpret data and make convincing arguments that are based on data analysis and previous experiences;			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
9.45 list all possible outcomes for an experiment using a tree diagram;			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				
9.46 find the probability of a single event based on an experiment with equally likely outcomes.			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance				

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 10: Students will develop an understanding of PATTERNS, RELATIONSHIPS AND FUNCTIONS by solving problems in which there is a need to recognize and extend a variety of patterns; and to analyze, represent, model and describe real-world functional relationships.							
10.40 recognize, analyze, create, extend and describe a wide variety of patterns;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million				
10.41 investigate and predict the results of combining, subdividing and changing shapes;							
10.42 use tables, rules, variables, open sentences and graphs to describe patterns, functions, and other relationships;			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data				
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane				
10.43 identify patterns for explaining the concepts of computation.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Grade 6 - Grade 8							
Standard 1:Students will develop their ability to SOLVE PROBLEMS by engaging in developmentally appropriate problem-solving opportunities in which there is a need to use various approaches to investigate and understand mathematical concepts; to formulate their own problems; to find solutions to problems from everyday situations; to develop and apply strategies to solve a wide variety of problems; and to integrate mathematical reasoning, communication and connections.							
1.01 persist and solve problems from start to finish;			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums	Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers	Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums	Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers	Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions	Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers	Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses	Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division	Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions	Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors	Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Finding Common Factors
			Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators	Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Factoring Quadratic Trinomials
			Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators	Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Special Cases

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Like Denominators	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
			Module: Fractions Unit: Multiplication and Division Session: Finding Products	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Unlike Denominators	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders	Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals	Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
			Module: Decimals Unit: Addition and Subtraction Session: Subtracting Decimals	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers	Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Multiplication and Division Session: Dividing Decimals by Whole Numbers	Module: Decimals Unit: Multiplying Decimals Session: Multiplying Decimals by Powers of 10	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles	Module: Decimals Unit: Multiplying Decimals Session: Calculating Products	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
			Module: Geometry Unit: Measurement Session: Rectangles and Squares	Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
			Module: Geometry Unit: Measurement Session: Triangles	Module: Decimals Unit: Dividing Decimals Session: Dividing Decimals by Whole Numbers	Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids	Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients	Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane	Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10	Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations	Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent	Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data	Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions	Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance	Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions	Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		
				Module: Percents Unit: Finding Percents of Quantities Session: Finding Percents of a Whole	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
				Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
				Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases	Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases	Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest	Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Exploring the Number Line and Absolute Value	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Adding with Absolute Value	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Subtracting with Absolute Value	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Products of Signed Numbers	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Representing the Multiplication of Signed Numbers	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mode		
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Quotients Using Reciprocals	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Calculating the Mean, Median, & Mode		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		
					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		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
1.02 investigate and build their understanding of mathematical content;							
1.03 formulate problems from everyday and mathematical situations;							
1.04 develop and apply strategies to solve problems;			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums	Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers	Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers	Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums	Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers	Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers	Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division	Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors	Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
			Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators	Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
			Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators	Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
			Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Like Denominators	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Multiplication and Division Session: Finding Products	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Unlike Denominators	Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders	Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions	Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals	Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
			Module: Decimals Unit: Addition and Subtraction Session: Subtracting Decimals	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
			Module: Decimals Unit: Multiplication and Division Session: Dividing Decimals by Whole Numbers	Module: Decimals Unit: Multiplying Decimals Session: Multiplying Decimals by Powers of 10	Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data	Module: Decimals Unit: Multiplying Decimals Session: Calculating Products	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance	Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
				Module: Decimals Unit: Dividing Decimals Session: Dividing Decimals by Whole Numbers	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
				Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients	Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		
				Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10	Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		
				Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Calculating the Probability of Independent Events		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases	Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Determining the Sample Space of an Experiment		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases	Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Calculating the Probability of Mutually Exclusive Events		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest			
				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			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				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			
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Quotients Using Reciprocals			
1.05 interpret results with respect to the original problem;							
1.06 generalize strategies and solutions to new problem situations.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 2: Students will develop their ability to COMMUNICATE MATHEMATICALLY by solving problems in which there is a need to obtain information from the real world through reading, listening and observing; to translate this information into mathematical language and symbols; to process this information mathematically; and to present results in written, oral and visual formats.							
2.01 model real-world situations using oral, written, concrete, pictorial, graphical and algebraic methods;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million	Module: Fractions Unit: Essentials of Fractions Session: Recognizing a Fraction	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors	Module: Fractions Unit: Equivalent Fractions Session: Identifying the Factors of a Number	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers	Module: Fractions Unit: Equivalent Fractions Session: Expressing Fractions in Lowest Terms	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors	Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums	Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers	Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Finding Common Factors
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers	Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products	Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Factoring Quadratic Trinomials
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums	Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication	Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Special Cases
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers	Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers	Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division	Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors	Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions	Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions	Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Like Denominators	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Unlike Denominators	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
			Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators	Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
			Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators	Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
			Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators	Module: Decimals Unit: Essentials of Decimals Session: Rounding Decimals	Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
			Module: Fractions Unit: Multiplication and Division Session: Finding Products	Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders	Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism		
			Module: Decimals Unit: Introduction Session: Ordering and Rounding	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents	Module: Decimals Unit: Multiplying Decimals Session: Multiplying Decimals by Powers of 10	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals	Module: Decimals Unit: Multiplying Decimals Session: Calculating Products	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots		
			Module: Decimals Unit: Addition and Subtraction Session: Subtracting Decimals	Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers		
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals	Module: Decimals Unit: Dividing Decimals Session: Dividing Decimals by Whole Numbers	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Multiplication and Division Session: Dividing Decimals by Whole Numbers	Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Comparing Numbers in Scientific Notation		
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles	Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific Notation		
			Module: Geometry Unit: Measurement Session: Rectangles and Squares	Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent	Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		
			Module: Geometry Unit: Measurement Session: Triangles	Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids	Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane	Module: Percents Unit: Finding Percents of Quantities Session: Finding Percents of a Whole	Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations	Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents	Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data	Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance	Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Exploring the Number Line and Absolute Value	Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Adding with Absolute Value	Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Subtracting with Absolute Value	Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Products of Signed Numbers	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Representing the Multiplication of Signed Numbers	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Quotients Using Reciprocals	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
				Module: Integers and Order of Operations Unit: Order of Operations Session: Simplifying Expressions	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Integers and Order of Operations Unit: Order of Operations Session: Introducing the Distributive Property	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mode		
				Module: Integers and Order of Operations Unit: Order of Operations Session: Using Grouping Symbols	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Calculating the Mean, Median, & Mode		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		
					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		
2.02 use reading, listening, viewing, speaking and writing to explain and develop mathematical ideas;							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
2.03 use mathematical notation and language to describe and discuss real-world situations;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million	Module: Fractions Unit: Essentials of Fractions Session: Recognizing a Fraction	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors	Module: Fractions Unit: Equivalent Fractions Session: Identifying the Factors of a Number	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers	Module: Fractions Unit: Equivalent Fractions Session: Expressing Fractions in Lowest Terms	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors	Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums	Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers	Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Finding Common Factors
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers	Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products	Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Factoring Quadratic Trinomials
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums	Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication	Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Special Cases
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers	Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers	Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division	Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors	Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions	Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions	Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Like Denominators	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Unlike Denominators	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
			Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators	Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators	Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
			Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators	Module: Decimals Unit: Essentials of Decimals Session: Rounding Decimals	Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
			Module: Fractions Unit: Multiplication and Division Session: Finding Products	Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders	Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism		
			Module: Decimals Unit: Introduction Session: Ordering and Rounding	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents	Module: Decimals Unit: Multiplying Decimals Session: Multiplying Decimals by Powers of 10	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals	Module: Decimals Unit: Multiplying Decimals Session: Calculating Products	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots		
			Module: Decimals Unit: Addition and Subtraction Session: Subtracting Decimals	Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers		
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals	Module: Decimals Unit: Dividing Decimals Session: Dividing Decimals by Whole Numbers	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		
			Module: Decimals Unit: Multiplication and Division Session: Dividing Decimals by Whole Numbers	Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Comparing Numbers in Scientific Notation		
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles	Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific Notation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Measurement Session: Rectangles and Squares	Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent	Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		
			Module: Geometry Unit: Measurement Session: Triangles	Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids	Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane	Module: Percents Unit: Finding Percents of Quantities Session: Finding Percents of a Whole	Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations	Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents	Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data	Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance	Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Exploring the Number Line and Absolute Value	Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Adding with Absolute Value	Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
				Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Subtracting with Absolute Value	Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Products of Signed Numbers	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Representing the Multiplication of Signed Numbers	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Quotients Using Reciprocals	Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
				Module: Integers and Order of Operations Unit: Order of Operations Session: Simplifying Expressions	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		
				Module: Integers and Order of Operations Unit: Order of Operations Session: Introducing the Distributive Property	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mode		
				Module: Integers and Order of Operations Unit: Order of Operations Session: Using Grouping Symbols	Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Calculating the Mean, Median, & Mode		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
2.04 read mathematics with understanding;							
2.05 develop common understandings of mathematical ideas and use generalizations discovered through investigations to formulate definitions;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million	Module: Fractions Unit: Essentials of Fractions Session: Recognizing a Fraction	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors	Module: Fractions Unit: Equivalent Fractions Session: Identifying the Factors of a Number	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers	Module: Fractions Unit: Equivalent Fractions Session: Expressing Fractions in Lowest Terms	Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors	Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions	Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums	Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers	Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers	Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers	Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division	Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors	Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions	Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions	Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions	Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids	Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
			Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
			Module: Fractions Unit: Multiplication and Division Session: Finding Products	Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders	Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths	Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		
			Module: Decimals Unit: Introduction Session: Ordering and Rounding	Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents	Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles	Module: Percents Unit: Finding Percents of Quantities Session: Finding Percents of a Whole	Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
			Module: Geometry Unit: Measurement Session: Rectangles and Squares	Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents	Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
			Module: Geometry Unit: Measurement Session: Triangles	Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids	Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Exploring the Number Line and Absolute Value	Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane	Module: Integers and Order of Operations Unit: Order of Operations Session: Simplifying Expressions	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		

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			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations	Module: Integers and Order of Operations Unit: Order of Operations Session: Introducing the Distributive Property	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data	Module: Integers and Order of Operations Unit: Order of Operations Session: Using Grouping Symbols	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance		Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					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: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
2.06 ask questions to clarify the problem situation.							
Standard 3: Students will develop their ability to REASON MATHEMATICALLY by solving problems in which there is a need to investigate significant mathematical ideas in all content areas; to justify their thinking; to reinforce and extend their logical reasoning abilities; to reflect on and clarify their own thinking; to ask questions to extend their thinking; and to construct their own learning.							
3.01 formulate and test conjectures;							

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3.02 draw and then justify conclusions;							
3.03 construct and follow logical arguments;							
3.04 use properties, models, known facts, and relationships to explain and defend their thinking.							
Standard 4: Students will develop their ability to make MATHEMATICAL CONNECTIONS by solving problems in which there is a need to view mathematics as an integrated whole and to integrate mathematics with other disciplines, while allowing the flexibility to approach problems, from within and outside mathematics, in a variety of ways.							
4.01 make connections linking conceptual and procedural knowledge;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million	Module: Fractions Unit: Essentials of Fractions Session: Recognizing a Fraction	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Negative Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors	Module: Fractions Unit: Equivalent Fractions Session: Identifying the Factors of a Number	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Prime and Composite Numbers	Module: Fractions Unit: Equivalent Fractions Session: Expressing Fractions in Lowest Terms	Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Identifying Common Factors	Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions	Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums	Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers	Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers	Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers	Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division	Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors	Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions	Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions	Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions	Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids	Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
			Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
			Module: Fractions Unit: Multiplication and Division Session: Finding Products	Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders	Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths	Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Ordering and Rounding	Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents	Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles	Module: Percents Unit: Finding Percents of Quantities Session: Finding Percents of a Whole	Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
			Module: Geometry Unit: Measurement Session: Rectangles and Squares	Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents	Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
			Module: Geometry Unit: Measurement Session: Triangles	Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids	Module: Integers and Order of Operations Unit: Adding and Subtracting Signed Numbers Session: Exploring the Number Line and Absolute Value	Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: The Coordinate Plane	Module: Integers and Order of Operations Unit: Order of Operations Session: Simplifying Expressions	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
			Module: Geometry Unit: Coordinate Geometry and Algebra Session: Symmetry and Transformations	Module: Integers and Order of Operations Unit: Order of Operations Session: Introducing the Distributive Property	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data	Module: Integers and Order of Operations Unit: Order of Operations Session: Using Grouping Symbols	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance		Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					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: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
4.02 integrate mathematical problem-solving with other curricular areas;							
4.03 use connections among mathematical topics;							
4.04 use various representations of the same concept;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million	Module: Fractions Unit: Essentials of Fractions Session: Recognizing a Fraction	Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Numbers and Number Sense Unit: Numbers as Factors Session: Finding Factors	Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers	Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication	Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers	Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division	Module: Decimals Unit: Essentials of Decimals Session: Rounding Decimals	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions	Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals	Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation		
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths	Module: Decimals Unit: Multiplying Decimals Session: Multiplying Decimals by Powers of 10	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Introduction Session: Ratios, Decimals, and Percents	Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable		
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals	Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients	Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation		
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals	Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Displaying and Analyzing Data	Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		
			Module: Data Analysis and Probability Unit: Modeling and Displaying Events Session: Looking at Chance	Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Comparing Numbers in Scientific Notation		
				Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific Notation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents	Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
				Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Representing the Multiplication of Signed Numbers	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
4.05 make connections from manipulative solutions to algorithmic solutions to technological solutions;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million	Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers			
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Whole Number Sums	Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products			
			Module: Operations with Numbers Unit: Addition and Subtraction of Whole Numbers Session: Differences Between Large Numbers	Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Operations with Numbers Unit: The Integers Session: Integer Sums	Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions			
			Module: Operations with Numbers Unit: The Integers Session: Differences Between Integers	Module: Fractions Unit: Dividing Fractions Session: Using Multiplicative Inverses			
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Multipliers	Module: Fractions Unit: Dividing Fractions Session: Solving Missing Value Problems when Dividing Fractions			
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Introduction to Long Division	Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators			
			Module: Operations with Numbers Unit: Multiplication and Division of Whole Numbers Session: Two-Digit Divisors	Module: Fractions Unit: Adding Fractions Session: Adding with Unlike Denominators			
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions	Module: Fractions Unit: Adding Fractions Session: Solving Missing Value Problems when Adding Fractions			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Like Denominators			
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions	Module: Fractions Unit: Subtracting Fractions Session: Subtracting with Unlike Denominators			
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions	Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions			
			Module: Fractions Unit: Addition and Subtraction Session: Sums involving Like Denominators	Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids			
			Module: Fractions Unit: Addition and Subtraction Session: Differences involving Like Denominators	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers			
			Module: Fractions Unit: Addition and Subtraction Session: Working with Unlike Denominators	Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Multiplication and Division Session: Finding Products	Module: Decimals Unit: Multiplying Decimals Session: Multiplying Decimals by Powers of 10			
			Module: Fractions Unit: Multiplication and Division Session: Quotients and Remainders	Module: Decimals Unit: Multiplying Decimals Session: Calculating Products			
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths	Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism			
			Module: Decimals Unit: Addition and Subtraction Session: Adding Decimals	Module: Decimals Unit: Dividing Decimals Session: Dividing Decimals by Whole Numbers			
			Module: Decimals Unit: Addition and Subtraction Session: Subtracting Decimals	Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients			
			Module: Decimals Unit: Multiplication and Division Session: Multiplying Decimals	Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Decimals Unit: Multiplication and Division Session: Dividing Decimals by Whole Numbers	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			
				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			
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Quotients Using Reciprocals			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
4.06 determine the reasonableness of a mathematical solution as it applies in a real-world situation.							
Standard 5: Students will develop an understanding of ESTIMATION, MEASUREMENT, and COMPUTATION by solving problems in which there is a need to measure to a required degree of accuracy by selecting appropriate tools and units; to develop computing strategies and select appropriate methods of calculation from among mental math, paper and pencil, calculators or computers; to use estimating skills to approximate an answer and to determine the reasonableness of results.							
5.60 estimate and then measure angles, circumference, volume and surface area to the degree of accuracy required using standard and nonstandard units;				Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles		
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula		
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism		
					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle		
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism		
5.61 convert measurement units within the same system;							
5.62 apply ratios, proportions and percents to real life situations;				Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent	Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
				Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions	Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
				Module: Percents Unit: Finding Percents of Quantities Session: Finding Percents of a Whole	Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
				Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents	Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
				Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases			
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest			
5.63 compute circumference; areas of triangles, parallelograms, trapezoids, and circles; and surface area and volume of cylinders, triangular and rectangular prisms and pyramids;			Module: Geometry Unit: Measurement Session: Lines, Angles, and Circles		Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle		
			Module: Geometry Unit: Measurement Session: Rectangles and Squares		Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles		
			Module: Geometry Unit: Measurement Session: Triangles		Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism		
			Module: Geometry Unit: Measurement Session: Parallelograms and Trapezoids		Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		
5.64 apply order of operations;				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			
5.65 choose and explain an appropriate method for calculating an answer in a given situation;				Module: Percents Unit: Finding Percents of Quantities Session: Finding Percents of a Whole	Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
				Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents	Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent	Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism		
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism		
				Module: Decimals Unit: Multiplying Decimals Session: Calculating Products	Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		
				Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication	Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
				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			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				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			
5.66 use multiple computational procedures with rational numbers;				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			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				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			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				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			
				Module: Decimals Unit: Adding and Subtracting Decimals Session: Using Place Value Grids			
				Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping with Whole Numbers			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Decimals Unit: Adding and Subtracting Decimals Session: Regrouping to Hundredths			
				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			
				Module: Decimals Unit: Dividing Decimals Session: Dividing Decimals by Whole Numbers			
				Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Decimals Unit: Dividing Decimals Session: Dividing by Powers of 10			
				Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent			
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Increases			
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Percent Decreases			
				Module: Percents Unit: Increasing and Decreasing Percents Session: Calculating Simple Interest			
5.67 determine if an estimate is an over-estimate or an under estimate.				Module: Fractions Unit: Dividing Fractions Session: Estimating Quotients of Fractions			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Fractions Unit: Adding Fractions Session: Adding with Like Denominators			
				Module: Decimals Unit: Dividing Decimals Session: Estimating and Finding Quotients			
Standard 6: Students will develop NUMBER SENSE by solving problems in which there is a need to represent and model real numbers verbally, physically and symbolically; to use operations with understanding; to explain the relationships between numbers; to apply the concept of a unit; and to determine the relative magnitude of real numbers.							
6.60 connect physical, verbal and symbolic representations of rational numbers;			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Whole Numbers to One Million	Module: Fractions Unit: Essentials of Fractions Session: Recognizing a Fraction			
			Module: Numbers and Number Sense Unit: Large and Small Numbers Session: Ordering and Rounding Whole Numbers	Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
			Module: Fractions Unit: Proper and Improper Fractions Session: Proper Fractions	Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers			
			Module: Fractions Unit: Proper and Improper Fractions Session: Improper Fractions	Module: Fractions Unit: Equivalent Fractions Session: Identifying the Factors of a Number			
			Module: Fractions Unit: Proper and Improper Fractions Session: Equivalent Fractions	Module: Fractions Unit: Equivalent Fractions Session: Expressing Fractions in Lowest Terms			
			Module: Fractions Unit: Proper and Improper Fractions Session: Ordering and Rounding Fractions	Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions			
			Module: Decimals Unit: Introduction Session: Tenths, Hundredths, and Thousandths	Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values			
			Module: Decimals Unit: Introduction Session: Ordering and Rounding	Module: Decimals Unit: Essentials of Decimals Session: Rounding Decimals			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals			
6.61 apply multiple representations of numbers: integers, fractions, decimals, percents, exponents, and scientific notation;				Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		
				Module: Fractions Unit: Multiplying Fractions Session: Using the GCF in Finding Products	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Comparing Numbers in Scientific Notation		
				Module: Fractions Unit: Multiplying Fractions Session: Representing Multiplication	Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific Notation		
				Module: Fractions Unit: Subtracting Fractions Session: Solving Missing Value Problems when Subtracting Fractions	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
				Module: Decimals Unit: Essentials of Decimals Session: Investigating Decimal Place Values	Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Decimals Unit: Essentials of Decimals Session: Exploring Repeating and Terminating Decimals	Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
				Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
				Module: Percents Unit: Essentials of Percents Session: Expressing Percents as Proper Fractions	Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
				Module: Percents Unit: Essentials of Percents Session: Expressing Percents greater than 100% as Improper Fractions			
				Module: Percents Unit: Finding Percents of Quantities Session: Expressing Ratios as Percents			
				Module: Percents Unit: Finding Percents of Quantities Session: Calculating the Whole from a Part and a Percent			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				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: Order of Operations Session: Introducing the Distributive Property			
6.62 model integer representations using manipulatives;				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			
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Products of Signed Numbers			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Representing the Multiplication of Signed Numbers			
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Quotients Using Reciprocals			
6.63 demonstrate an understanding of order relations for rational numbers;				Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions			
				Module: Fractions Unit: Essentials of Fractions Session: Working with Mixed Numbers			
				Module: Fractions Unit: Equivalent Fractions Session: Writing and Comparing Equivalent Fractions			
				Module: Fractions Unit: Multiplying Fractions Session: Finding Products of Fractions, Whole Numbers, and Mixed Numbers			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
				Module: Percents Unit: Essentials of Percents Session: Investigating the Meaning of Percent			
6.64 examine the relative effect of operations on rational numbers;				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			
6.65 use various forms of "one" to demonstrate the equivalence of fractions.				Module: Fractions Unit: Essentials of Fractions Session: Exploring Proper and Improper Fractions			

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 7: Students will develop an understanding of ALGEBRA by solving problems in which there is a need to progress from the concrete to the abstract using physical models, equations and graphs; to generalize number patterns; and to describe, represent and analyze relationships among variable quantities.							
7.60 represent situations with tables, graphs, verbal rules, and equations; and describe the interrelationships of the representations;					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
7.61 model and solve real-world and mathematical problems using algebraic methods;					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable		Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation		Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
7.62 evaluate algebraic expressions and formulas for given values of the variable;					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms		Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution		
7.63 solve linear equations using concrete, informal, and formal methods;						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	
						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	
						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	
						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: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	
						Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	
						Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	
						Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	
7.64 solve proportions;					Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
7.65 solve linear inequalities and non-linear equations using informal methods.						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
Standard 8: Students will develop SPATIAL SENSE and an understanding of GEOMETRY by solving problems in which there is a need to recognize, construct, transform, analyze properties of, and discover relationships between, geometric figures.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
8.60 identify, describe, compare and classify two and three dimensional figures;				Module: Decimals Unit: Multiplying Decimals Session: Calculating Products	Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides		
				Module: Decimals Unit: Multiplying Decimals Session: Finding the Volume of a Prism	Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle		
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles		
					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		
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
8.61 use a compass and straight edge as tools for basic geometric constructions;					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles		
8.62 investigate and discover geometric relationships through the use of manipulatives, constructions and computer graphic software;					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles		
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles		
					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles		
					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		
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
8.63 create models of nets of three dimensional figures such as a cube, rectangular prism, cylinder and square pyramid;							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
8.64 visualize and draw orthographic projections;							
8.65 discover and apply geometric properties and relationships such as congruence, similarity, parallelism, perpendicularity and symmetry;					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles		
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles		
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
8.66 apply geometric properties and relationships to make conjectures.							
Standard 9: Students will develop an understanding of STATISTICS AND PROBABILITY by solving problems in which there is a need to collect, appropriately represent, and interpret data; to make inferences or predictions; to present convincing arguments; and to model mathematical situations to determine the probability.							
9.60 collect, organize, describe, and make predictions with data;					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
9.61 construct and describe displays of data such as stem-and-leaf plots, scatter plots, box plots, and circle graphs;					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
							Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
9.62 make and evaluate arguments that are based on data analysis;					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
9.63 calculate and use mean, median, mode and range to interpret data;					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
9.64 analyze a sample to make inferences about a population;					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
9.65 compare and make predictions based on theoretical and experimental probabilities;					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		
					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		
9.66 construct a sample space to determine theoretical probabilities.					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
Standard 10: Students will develop an understanding of PATTERNS, RELATIONSHIPS AND FUNCTIONS by solving problems in which there is a need to recognize and extend a variety of patterns; and to analyze, represent, model and describe real-world functional relationships.							
10.60 recognize, analyze, create, extend, describe and generalize a wide variety of patterns and relationships;				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Finding Products of Signed Numbers	Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	
				Module: Integers and Order of Operations Unit: Multiplying and Dividing Signed Numbers Session: Representing the Multiplication of Signed Numbers	Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
10.61 analyze functional relationships to explain how a change in one quantity results in a change in another;						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: Relations and Functions	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	
10.62 identify geometric patterns and relationships;					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles		
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles		
					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
10.63 detect patterns and functions from statistical data;					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Calculating the Mean, Median, & Mode		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
10.64 use a calculator and computer software to explore number patterns and mathematical relationships;							
10.65 use patterns and functions to represent and solve problems.						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	
						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	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	
Grade 9 - Grade 10							
Standard 1:Students will develop their ability to SOLVE PROBLEMS by engaging in developmentally appropriate problem-solving opportunities in which there is a need to use various approaches to investigate and understand mathematical concepts; to formulate their own problems; to find solutions to problems from everyday situations; to develop and apply strategies to solve a wide variety of problems; and to integrate mathematical reasoning, communication and connections.							
1.01 persist and solve problems from start to finish;					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Finding Common Factors

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Factoring Quadratic Trinomials
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Special Cases
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
					Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
					Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
					Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
					Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					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		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		
					Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Calculating the Probability of Independent Events		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
1.02 investigate and build their understanding of mathematical content;							
1.03 formulate problems from everyday and mathematical situations;							
1.04 develop and apply strategies to solve problems;					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Surface Area of a Right Triangular Prism	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	
					Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	
					Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		
					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		
1.05 interpret results with respect to the original problem;							
1.06 generalize strategies and solutions to new problem situations.							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 2: Students will develop their ability to COMMUNICATE MATHEMATICALLY by solving problems in which there is a need to obtain information from the real world through reading, listening and observing; to translate this information into mathematical language and symbols; to process this information mathematically; and to present results in written, oral and visual formats.							
2.01 model real-world situations using oral, written, concrete, pictorial, graphical and algebraic methods;					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Finding Common Factors
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Factoring Quadratic Trinomials
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Special Cases
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers		
					Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Comparing Numbers in Scientific Notation		
					Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific Notation		
					Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		
					Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
					Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
					Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		
					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		
2.02 use reading, listening, viewing, speaking and writing to explain and develop mathematical ideas;							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
2.03 use mathematical notation and language to describe and discuss real-world situations;					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Finding Common Factors
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Factoring Quadratic Trinomials
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Special Cases
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume of a Right Triangular Prism		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
					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		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers		
					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		
					Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific Notation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		
					Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
					Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
					Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					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		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
2.04 read mathematics with understanding;							
2.05 develop common understandings of mathematical ideas and use generalizations discovered through investigations to formulate definitions;					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
					Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		
					Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
					Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
					Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					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: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
2.06 ask questions to clarify the problem situation.							
Standard 3: Students will develop their ability to REASON MATHEMATICALLY by solving problems in which there is a need to investigate significant mathematical ideas in all content areas; to justify their thinking; to reinforce and extend their logical reasoning abilities; to reflect on and clarify their own thinking; to ask questions to extend their thinking; and to construct their own learning.							
3.01 formulate and test conjectures;							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
3.02 draw and then justify conclusions;							
3.03 construct and follow logical arguments;							
3.04 use properties, models, known facts, and relationships to explain and defend their thinking.							
Standard 4: Students will develop their ability to make MATHEMATICAL CONNECTIONS by solving problems in which there is a need to view mathematics as an integrated whole and to integrate mathematics with other disciplines, while allowing the flexibility to approach problems, from within and outside mathematics, in a variety of ways.							
4.01 make connections linking conceptual and procedural knowledge;					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Defining Complementary & Supplementary Angles	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Sides	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
					Module: Fundamentals of Geometry Unit: Triangles Session: Classifying Triangles by Angles	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Investigating Squares & Square Roots	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
					Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers Using Scientific Notation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Ratio Session: Defining Ratio		
					Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
					Module: Ratio & Proportion Unit: Ratio Session: Forming Ratios between Unlike Quantities		
					Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					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: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
4.02 integrate mathematical problem-solving with other curricular areas;							
4.03 use connections among mathematical topics;							
4.04 use various representations of the same concept;					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	
					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: Identifying the Variables in a Given Formula		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
					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		
					Module: Radicals & Exponents Unit: Introduction to Scientific Notation Session: Writing Numbers between 0 & 1 in Scientific Notation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Ratio Session: Expressing Ratios as Equivalent Fractions & Decimals		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
4.05 make connections from manipulative solutions to algorithmic solutions to technological solutions;							
4.06 determine the reasonableness of a mathematical solution as it applies in a real-world situation.							
Grade 9 - Grade 10							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 5: Students will develop an understanding of ESTIMATION, MEASUREMENT, and COMPUTATION by solving problems in which there is a need to measure to a required degree of accuracy by selecting appropriate tools and units; to develop computing strategies and select appropriate methods of calculation from among mental math, paper and pencil, calculators or computers; to use estimating skills to approximate an answer and to determine the reasonableness of results.							
5.90 compute permutations and combinations;							
5.91 compute areas and volumes by partitioning and indirect methods;					Module: Fundamentals of Geometry Unit: Triangles Session: Exploring the Area of a Triangle		
					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		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		
5.92 compute with real numbers;						Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
						Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
							Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
							Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
							Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
							Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
5.93 compute with matrices;							
5.94 extend computation procedures to algebraic procedures;					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula		
					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		
5.95 determine if errors are within tolerance limits;							
5.96 estimate and calculate derived measures;							
5.97 assess the error resulting from estimation and rounding;							

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
5.98 estimate algebraic solutions on a graphics calculator.							
Standard 6: Students will develop NUMBER SENSE by solving problems in which there is a need to represent and model real numbers verbally, physically and symbolically; to use operations with understanding; to explain the relationships between numbers; to apply the concept of a unit; and to determine the relative magnitude of real numbers.							
6.90 connect physical, verbal and symbolic representations of real numbers;						Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
						Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
							Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
							Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
							Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
							Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
6.91 demonstrate an understanding of order relations for real numbers;							Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers
6.92 examine the relative effects of operations on real numbers;						Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	
6.93 recognize inverse operations: powers and roots.							Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 7: Students will develop an understanding of ALGEBRA by solving problems in which there is a need to progress from the concrete to the abstract using physical models, equations and graphs; to generalize number patterns; and to describe, represent and analyze relationships among variable quantities.							
7.90 model relationships among quantities using symbols and expressions;					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
					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		
7.91 develop appropriate symbol sense to use algebraic technology;					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	
						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	
						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	
						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	
7.92 use tables and graphs to interpret expressions, equations and inequalities;						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
						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	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
7.93 describe relationships between variable quantities verbally, symbolically and graphically (including slope as a rate of change);						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
7.94 translate and make connections from narrative to table, graph and function;						Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	
						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: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						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	
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
7.95 solve linear and quadratic algebraic problems using graphs, tables, equations, formulas and matrices;					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
						Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
7.96 solve systems of equations algebraically, graphically and with matrices;						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	
						Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	
						Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
7.97 solve inequalities graphically and symbolically;						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	
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
7.98 explore algebraic relationships using technology.					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Introducing Variables	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Translating Words into Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Defining the Real Numbers

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Identifying Components of Algebraic Expressions	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Applying Properties of Real Numbers	Module: The Real Number System Unit: Rational & Irrational Numbers Session: Working with Radicals
					Module: Essentials of Algebra Unit: Algebra Fundamentals Session: Replacing Variables in a Formula	Module: The Language of Algebra Unit: Variables, Expressions, and Equations Session: Evaluating and Simplifying Expressions	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Representing the Dimensions & Area of a Rectangle	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Combining Like Terms	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
					Module: Essentials of Algebra Unit: Evaluating an Algebraic Expression Session: Evaluating Expressions Using Substitution	Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
					Module: Essentials of Algebra Unit: Simple Equations Session: Using Variables to Express Relationships	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Finding Common Factors

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Simple Equations Session: Simplifying Algebraic Expressions	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Factoring Quadratic Trinomials
					Module: Essentials of Algebra Unit: Simple Equations Session: Solving Simple Equations	Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Special Cases
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Writing Equations	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Simplifying Both Sides of an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
					Module: Essentials of Algebra Unit: Variable on Both Sides of the Equation Session: Checking the Solution to an Equation	Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Rewriting a Formula in Terms of a Different Variable	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square
					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Substituting Values & Solving an Equation	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
						Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
Standard 8: Students will develop SPATIAL SENSE and an understanding of GEOMETRY by solving problems in which there is a need to recognize, construct, transform, analyze properties of, and discover relationships between, geometric figures.							
8.90 explore, draw and construct three dimensional objects;					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		
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
8.91 construct geometric figures on a coordinate plane;							
8.92 identify congruent and similar figures using transformational, Euclidean, and coordinate geometries;					Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles		
8.93 deduce properties of figures using coordinate and Euclidean geometries;					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Naming and Measuring Angles		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
					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		
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
8.94 explore geometric patterns and generalize results using algebraic expressions;						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
8.95 apply similarity, congruence and proportionality;					Module: Ratio & Proportion Unit: Proportion Session: Defining a Proportion		
					Module: Ratio & Proportion Unit: Proportion Session: Solving for a Variable in a Proportion		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Proportion Session: Applying the Means/Extremes Property		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring & Solving Direct Variation Problems		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Exploring Inverse Variation		
					Module: Ratio & Proportion Unit: Direct & Inverse Variation Session: Solving Inverse Variation Problems		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Defining Similarity		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Identifying Equivalent Ratios		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		
					Module: Fundamentals of Geometry Unit: Geometry Fundamentals Session: Recognizing Congruent Angles		
8.96 use the properties and relationships in two and three dimensional figures including circles and spheres;					Module: Essentials of Algebra Unit: Solving Literal Equations Session: Identifying the Variables in a Given Formula		
					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		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					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		
					Module: Fundamentals of Geometry Unit: Volume and Surface Area Session: Calculating the Volume & Surface Area of a Right Cylinder		
8.97 apply right triangle trigonometry and the Pythagorean Theorem to problem situations involving right triangles.					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Exploring the Pythagorean Theorem		
					Module: Radicals & Exponents Unit: Introduction to Radicals & Pythagorean Theorem Session: Defining Irrational Numbers		
					Module: Ratio & Proportion Unit: Similar Polygons Session: Setting up & Solving Proportions in Similar Polygons		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 9: Students will develop an understanding of STATISTICS AND PROBABILITY by solving problems in which there is a need to collect, appropriately represent, and interpret data; to make inferences or predictions; to present convincing arguments; and to model mathematical situations to determine the probability.							
9.90 explore and analyze sampling methods to collect data;					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Determining the Sample Space of an Experiment		
9.91 collect, explore, compare and interpret one or two-variable real world data;					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs		Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs		Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram		
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs		
9.93 summarize and interpret single-variable data by exploring and choosing measures of central tendency and dispersion;					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
9.94 analyze the validity of statistical conclusions and the use, misuse, and abuse of data caused by choices of scale, inappropriate choices of central tendency, incorrect curve fitting, or inappropriate use of control groups;							
9.95 define a sample space using the fundamental counting principle;					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Probability of Combined Events Session: Determining the Sample Space of an Experiment		
9.96 compare and determine the reasonableness of outcomes;					Module: Fundamentals of Probability Unit: Simple Probability Session: Defining & Expressing Probability		
					Module: Fundamentals of Probability Unit: Simple Probability Session: Calculating Probabilities on a Color Wheel		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Probability Unit: Simple Probability Session: Determining Probabilities of Complementary Events		
					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		
9.97 model mathematical situations, using simulations or experiments, to determine probabilities of independent and dependent events.					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: Calculating the Probability of Mutually Exclusive Events		

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
Standard 10: Students will develop an understanding of PATTERNS, RELATIONSHIPS AND FUNCTIONS by solving problems in which there is a need to recognize and extend a variety of patterns; and to analyze, represent, model and describe real-world functional relationships.							
10.90 model real-world phenomena with appropriate functions;						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
							Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
							Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
10.91 search for and describe algebraic, geometric and statistical patterns using mathematical models;					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Line Graphs	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Finding the Point of Intersection	Module: The Real Number System Unit: Rational & Irrational Numbers Session: The Square Root Function
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Exploring Bar Graphs	Module: Systems of Linear Equations Unit: Graphic Solutions of Linear Systems Session: Graphing Parallel & Perpendicular Lines	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
					Module: Fundamentals of Statistics Unit: Interpreting and Constructing Graphs Session: Interpreting Pie Charts	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Substitution to Eliminate a Variable	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Adding & Subtracting Polynomial Expressions
					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mean & Median	Module: Systems of Linear Equations Unit: Algebraic Solutions of Linear Systems Session: Using Addition or Subtraction to Eliminate a Variable	Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Multiplying Polynomials
					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Defining the Mode	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Finding Common Factors
					Module: Fundamentals of Statistics Unit: The Mean, Median, & Mode Session: Calculating the Mean, Median, & Mode	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Graphing Solutions on a Number Line	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Factoring Quadratic Trinomials

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Creating & Interpreting a Frequency Table	Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	Module: Powers & Polynomials Unit: Factoring Polynomials Session: Special Cases
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Defining a Histogram	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
					Module: Fundamentals of Statistics Unit: Frequency Distribution and Histograms Session: Exploring Cumulative Frequency Graphs	Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
							Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
							Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
							Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
							Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
							Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
							Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
							Module: Describing Data Unit: Graphical Displays Session: Stem-&-Leaf Plots & Box Plots
							Module: Describing Data Unit: Graphical Displays Session: Scatter Plots & Linear Best-Fit Graphs
10.92 classify relationships between variable expressions as linear, quadratic, inverse, direct or exponential;						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Applying Inverse Operations	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Transforming Equations using Multiple Operations	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
						Module: The Language of Algebra Unit: Linear Equations in One Variable Session: Solving Absolute Value Equations	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Applying Inverse Operations	Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
							Module: Powers & Polynomials Unit: Polynomial Arithmetic Session: Working with Powers
10.93 use technology to explore transformations of functions caused by parameter changes;						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Graphing Ordered Pairs	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Graphing Parabolas
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Defining Slope	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Analyzing Properties of Parabolas
						Module: Linear Functions and Equations Unit: The Rectangular Coordinate Plane Session: Finding x- and y-Intercepts	Module: Quadratic Functions & Equations Unit: Graphing Quadratic Functions & Equations Session: Solving Quadratic Equations by Graphing
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Slope-Intercept Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: Factoring & the Zero Product Theorem
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Exploring the Point-Slope Equation of a Line	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Square Root Method & Completing the Square

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
						Module: Linear Functions and Equations Unit: Introduction to Functions Session: Relations and Functions	Module: Quadratic Functions & Equations Unit: Solving Quadratic Equations Using Algebra Session: The Quadratic Formula
							Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: Solving Radical Equations
							Module: Algebraic Expressions & Functions Unit: Radical Equations & Functions Session: The Inverse of the Square Root Function
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Operations
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Functions
							Module: Algebraic Expressions & Functions Unit: Rational Expressions, Equations & Functions Session: Rational Equations

Standards	Mastering Skills and Concepts: Course I	Mastering Skills and Concepts: Course II	Mastering Skills and Concepts: Course III: Intermediate Mathematics	Mastering Skills and Concepts: Course IV: Basic Mathematics	Mastering Skills and Concepts: Course V: Pre-Algebra	Mastering Algebra I: Course 1	Mastering Algebra I: Course 2
10.94 identify and interpret maximum and minimum values of functional relationships graphically.						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Solving Systems by Graphing	
						Module: Linear Inequalities Unit: Inequalities in One Variable Session: Solving Absolute Value Inequalities	
						Module: Linear Inequalities Unit: Inequalities in Two Variables Session: Graphing Solutions on a Rectangular Coordinate Plane	