

**Northpoint Horizons**

***Math Elevations™ (Comprehensive Intervention System)***  
**Correlated to the**  
**Arizona Academic Standards for Mathematics**

This document provides a sampling of the extensive math directives offered throughout the *Math Elevations* program that meet the Arizona Academic Standards for Mathematics.

<b><u>Grade 7 Performance Objectives</u></b>	<b><u>Process Integration</u></b>	<b><u>Math Elevations Teacher’s Guide Level G (Grade 7) Lesson Examples</u></b>
<p>PO 1. Recognize and convert between expressions for positive and negative rational numbers, including fractions, decimals, percents, and ratios.</p> <p>Connections: M07-S1C1-03, M07-S1C2-02, M07-S1C2-03, M07-S1C3-01, M07-S1C3-02, M07-S2C2-01, M07-S3C3-02</p>	<p>M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution.</p>	<p>Unit 1 –                      Lesson 8: <i>Fractions and Mixed Numbers</i> pp. 40-43                      Unit 5 –                      Lesson 5: <i>Fractions, Decimals, and Percents</i> pp. 140-143</p>
<p>PO 2. Find or use factors, multiples, or prime factorization within a set of numbers.</p> <p>Connections: M07-S1C3-01, M07-S1C3-03</p>		<p>Unit 1 –                      Lesson 5: <i>Prime Factorization</i> pp. 31-33                      Unit 1 –                      Lesson 6: <i>Greatest Common Factor</i> pp. 34-36                      Unit 1 –                      Lesson 7: <i>Least Common Multiple</i> pp. 37-39</p>
<p>PO 3. Compare and order rational numbers using various models and representations.</p> <p>Connections: M07-S1C1-01, M07-S1C2-02, M07-S1C3-01</p>	<p>M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution.</p>	<p>Unit 1 –                      Lesson 1: <i>Decimal Place Value</i> pp. 18-21</p>
<p>PO 4. Model and solve simple problems involving absolute value.</p> <p>Connections: M07-S1C2-02</p>	<p>M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution</p>	<p>Unit 3 –                      Lesson 4: <i>Absolute Value</i> pp. 83-85</p>

	M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	
<b>Strand 1: Number and Operations</b> <b>Concept 2: Numerical Operations</b>		
PO 1. Add, subtract, multiply, and divide integers.  Connections: M07-S1C2-02, M07-S1C2-05, M07-S3C1-01, M07-S3C3-02, M07-S3C3-03, M07-S3C3-05, M07-S3C3-06	M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution  M07-S5C2-05. Apply a previously used problem-solving strategy in a new context.	Unit 3 – Lesson 2: <i>Adding Integers</i> pp. 77-79 Unit 3 – Lesson 3: <i>Subtracting Integers</i> pp. 80-82 Unit 3 – Lesson 5: <i>Multiplying Integers</i> pp. 86-88 Unit 3 – Lesson 6: <i>Dividing Integers</i> pp. 89-91
PO 2. Solve problems with rational numbers and appropriate operations using exact answers or estimates.  Connections: M07-S1C1-01, M07-S1C1-03, M07-S1C1-04, M07-S1C2-01 M07-S1C3-02	M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Unit 2 – Lesson 1: <i>Adding and Subtracting Fractions</i> pp. 46-48 Unit 2 – Lesson 2: <i>Adding and Subtracting Mixed Numbers</i> pp. 49-51 Unit 2 – Lesson 3: <i>Multiplying Fractions and Mixed Numbers</i> pp. 52-54 Unit 2 – Lesson 4: <i>Dividing Fractions and Mixed Numbers</i> pp. 55-57 Unit 2 – Lesson 5: <i>Adding and Subtracting Decimals</i> pp. 58-60 Unit 2 – Lesson 6: <i>Multiplying by Decimals</i> pp. 61-63 Unit 2 – Lesson 7: <i>Dividing Decimals</i> pp. 64-67 Unit 2 – Lesson 8: <i>Fraction and Decimals</i> pp. 68-71 Unit 3 – Lesson 1: <i>Introduction to Integers</i> pp. 74-76 Unit 3 – Lesson 2: <i>Adding Integers</i> pp. 77-79 Unit 3 –

		Lesson 3: <i>Subtracting Integers</i> pp. 80-82 Unit 3 – Lesson 4: <i>Absolute Value</i> pp. 83-85 Unit 3 – Lesson 5: <i>Multiplying Integers</i> pp. 86-88 Unit 3 – Lesson 6: <i>Dividing Integers</i> pp. 89-91
PO 3. Solve problems involving percentages, ratio and proportion, including tax, discount, tips, and part/whole relationships.  Connections: M07-S1C1-01, M07-S1C3-02	M07-S5C2-01. Analyze a problem situation to determine the question(s) to be answered.  M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.  M07-S5C2-07. Isolate and organize mathematical information taken from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Unit 5 – Lesson 1: <i>Ratios</i> pp. 128-131 Unit 5 – Lesson 2: <i>Rates</i> pp. 132-134 Unit 5 – Lesson 3: <i>Writing and Solving Proportions</i> pp. 135-137 Unit 5 – Lesson 4: <i>Scale Drawings and Models</i> pp. 138-140 Unit 5 – Lesson 6: <i>Percent of a Number</i> pp. 144-146 Unit 5 – Lesson 7: <i>Percent Problems</i> pp. 147-150 Unit 5 – Lesson 8: <i>Percent of Change</i> pp. 151-153
PO 4. Represent and interpret numbers using scientific notation (positive exponents only).	M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution.	Unit 1 – Lesson 4: <i>Scientific Notation</i> pp. 28-31
PO 5. Simplify numerical expressions using the order of operations and appropriate mathematical properties.  Connections: M07-S1C2-01, M07-S3C3-02		Unit 4 – Lesson 1: <i>Order of Operations</i> pp. 100-102 Lesson 2: <i>Evaluating Algebraic Expressions</i> pp. 103-105
<b>Strand 1: Number and Operations</b> <b>Concept 3: Estimation</b>		
PO 1. Estimate and apply benchmarks for rational numbers and common	M07-S5C2-02. Analyze and compare mathematical strategies for efficient	Unit 5 – Lesson 5: <i>Fractions, Decimals, and Percents</i> pp. 140-143

<p>irrational numbers.</p> <p>Connections: M07-S1C1-01, M07-S1C1-02, M07-S1C1-03, M07-S1C3-03, M07-S2C2-04, M07-S4C4-01, M07-S5C2-11</p>	<p>problem solving; select and use one or more strategies to solve a problem.</p> <p>M07-S5C2-05. Apply a previously used problem-solving strategy in a new context.</p>	
<p><b>Strand 2: Data Analysis, Probability, and Discrete Mathematics</b>  <b>Concept 1: Data Analysis (Statistics)</b></p>		
<p>PO 1. Solve problems by selecting, constructing, and interpreting displays of data including multi-line graphs and scatterplots.</p> <p>Connections: M07-S2C1-02, SC07-S1C3-01, SC07-S1C3-02, SC07-S1C3-03, SC07-S1C3-05, SC07-S1C4-01, SC07-S1C4-02, SS07-S1C1-01, SS07-S1C1-02, SS07-S1C1-03, SS07-S2C1-01, SS07-S2C1-02, SS07-S2C1-03, SS07-S4C1-01, SS07-S4C1-02, SS07-S4C1-03</p>	<p>M07-S5C2-07. Isolate and organize mathematical information taken from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.</p>	<p>Unit 8 –  Lesson 7: <i>Bar Graphs and Line Graphs</i> pp. 233-236  Unit 8 –  Lesson 8: <i>Circle Graphs</i> pp. 237-239</p>
<p>PO 2. Interpret trends in a data set, estimate values for missing data, and predict values for points beyond the range of the data set.</p> <p>Connections: M07-S1C3-02, M07-S2C1-01, M07-S2C2-03, SC07-S1C3-01, SC07-S1C3-02, SC07-S1C3-03, SC07-S1C3-05</p>	<p>M07-S5C2-07. Isolate and organize mathematical information taken from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.</p> <p>M07-S5C2-08. Make and test conjectures based on information collected from explorations and experiments.</p>	<p>Unit 8 –  Lesson 4: <i>Disjoint, Overlapping, and Complementary Events</i> pp. 221-224  Unit 8 –  Lesson 5: <i>Dependent and Independent Events</i> pp. 225-228</p>
<p>PO 3. Identify outliers and determine their effect on mean, median, mode, and range.</p>	<p>M07-S5C2-03. Identify relevant, missing, and extraneous information related to the solution to a problem.</p> <p>M07-S5C2-07. Isolate and organize mathematical information taken from</p>	<p>Unit 8 –  Lesson 6: <i>Mean, Median, and Mode</i> pp. 229-232</p>

	symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	
<b>Strand 2: Data Analysis, Probability, and Discrete Mathematics</b>		
<b>Concept 2: Probability</b>		
PO 1. Determine conditional probabilities (experimental) in compound probability experiments.  Connections: M07-S1C1-01, M07-S2C2-02	M07-S5C2-08. Make and test conjectures based on information collected from explorations and experiments.	Unit 8 – Lesson 4: <i>Disjoint, Overlapping, and Complementary Events</i> pp. 221-224 Unit 8 – Lesson 5: <i>Dependent and Independent Events</i> pp. 225-228
PO 2. Experiment with two different events to determine whether the two events are dependent or independent of each other.  Connections: M07-S2C2-01	M07-S5C2-08. Make and test conjectures based on information collected from explorations and experiments.	Unit 8 – Lesson 5: <i>Dependent and Independent Events</i> pp. 225-228
PO 3. Compare the results of multiple repetitions of the same probability experiment to the theoretical probability.  Connections: M07-S2C1-02	M07-S5C2-08. Make and test conjectures based on information collected from explorations and experiments.	Unit 8 – Lesson 4: <i>Disjoint, Overlapping, and Complementary Events</i> pp. 221-224 Unit 8 – Lesson 5: <i>Dependent and Independent Events</i> pp. 225-228
PO 4. Compare probabilities to determine fairness in experimental situations.  Connections: M07-S1C3-01		Unit 8 – Lesson 1: <i>Possible Outcomes</i> pp. 212-214
<b>Strand 2: Data Analysis, Probability, and Discrete Mathematics</b>		
<b>Concept 3: Systematic Listing and Counting</b>		
PO 1. Analyze relationships among the tree diagrams where items repeat and do not repeat; make numerical connections to the multiplication principle of counting.	M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Unit 8 – Lesson 1: <i>Possible Outcomes</i> pp. 212-214
<b>Strand 3: Patterns, Algebra, and Functions</b>		
<b>Concept 1: Patterns</b>		
<i>Students are expected to:</i>		

<p>PO 1. Recognize, describe, create, and analyze numerical and geometric sequences using tables or graphs; make conjectures about these sequences.</p> <p>Connections: M07-S1C2-01, M07-S3C2-01, M07-S3C3-01</p>	<p>M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.</p> <p>M07-S5C2-08. Make and test conjectures based on information collected from explorations and experiments.</p>	<p>Unit 4 – Lesson 4: <i>Graphing Functions</i> pp. 109-111 Unit 5 – Lesson 3: <i>Writing and Solving Proportions</i> pp. 135-137</p>
<p>PO 1. Use a table of values to graph an equation or proportional relationship; describe the graph's characteristics.</p> <p>Connections: M07-S3C1-01, M07-S3C3-04, M07-S3C4-01</p>	<p>M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.</p>	<p>Unit 4 – Lesson 4: <i>Graphing Functions</i> pp. 109-111 Unit 5 – Lesson 3: <i>Writing and Solving Proportions</i> pp. 135-137</p>
<p><b>Strand 3: Patterns, Algebra, and Functions</b> <b>Concept 3: Algebraic Representations</b></p>		
<p>PO 1. Write a single variable algebraic expression or one-step equation given a contextual situation.</p> <p>Connections: M07-S2C3-02, M07-S3C1-01, M07-S3C3-03, M07-S3C3-05</p>	<p>M07-S5C2-01. Analyze a problem situation to determine the question(s) to be answered.</p>	<p>Unit 4 – Lesson 6: <i>Solving One-Step Equations Using Addition and Subtraction</i> pp. 115-117 Unit 4 – Lesson 7: <i>Solving One-Step Equations Using Multiplication and Division</i> pp. 118-120</p>
<p>PO 2. Evaluate an expression containing one or two variables by substituting numbers for the variables.</p> <p>Connections: M07-S1C1-01, M07-S1C2-01, M07-S1C2-05</p>	<p>M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.</p>	<p>Unit 4 – Lesson 2: <i>Evaluating Algebraic Expressions</i> pp. 103-105 Unit 4 – Lesson 3: <i>Writing and Evaluating Expressions</i> pp. 106-108 Unit 4 – Lesson 4: <i>Graphing Functions</i> pp. 109-111 Unit 4 – Lesson 5: <i>Simplifying Expressions</i> pp. 112-114</p>
<p>PO 4. Translate between graphs and tables that represent a linear equation.</p> <p>Connections: M07-S3C2-01</p>	<p>M07-S5C2-02. Analyze and compare mathematical strategies for efficient problem solving; select and use one or more strategies to solve a problem.</p>	<p>Unit 4 – Lesson 4: <i>Graphing Functions</i> pp. 109-111</p>

	M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	
PO 6. Create and solve one-step inequalities with whole numbers.  Connections: M07-S1C2-01	M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution.	Unit 4 – Lesson 8: <i>Solving and Graphing Inequalities</i> pp. 121-124
<b>Strand 3: Patterns, Algebra, and Functions</b> <b>Concept 4: Analysis of Change</b>		
PO 1. Use graphs and tables to model and analyze change.  Connections: M07-S1C3-02, M07-S3C2-01, SS07-S4C2-04	M07-S5C2-01. Analyze a problem situation to determine the question(s) to be answered.	Unit 4 – Lesson 4: <i>Graphing Functions</i> pp. 109-111
<b>Strand 4: Geometry and Measurement</b> <b>Concept 1: Geometric Properties</b>		
PO 1. Recognize the relationship between central angles and intercepted arcs; identify arcs and chords of a circle.		Unit 7 – Lesson 4: <i>Circumference of a Circle</i> pp. 194-196 Unit 7 – Lesson 5: <i>Area of a Circle</i> pp. 197-199
PO 2. Analyze and determine relationships between angles created by parallel lines cut by a transversal.	M07-S5C2-08. Make and test conjectures based on information collected from explorations and experiments.	Unit 6 – Lesson 1: <i>Angles</i> pp. 156-159
PO 3. Draw and classify 3-dimensional figures with appropriate labels showing specified attributes of parallelism, congruence, perpendicularity, and symmetry.  Connections: M07-S4C4-04, M07-S4C4-05, M07-S4C4-07	M07-S5C2-01. Analyze a problem situation to determine the question(s) to be answered.  M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of	Unit 6 – Lesson 8: <i>Solid Figures</i> pp. 179-181

	<p>the solution.</p> <p>M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.</p>	
PO 5. Identify corresponding parts of congruent figures.	<p>M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution.</p> <p>M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.</p>	Unit 6 – Lesson 4: <i>Congruent Polygons</i> pp. 166-168
<b>Strand 4: Geometry and Measurement</b>		
<b>Concept 2: Transformation of Shapes</b>		
PO 1. Model the result of a double transformation (translations or reflections) of a 2-dimensional figure on a coordinate plane using all four quadrants.	M07-S5C2-04. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution.	Unit 6 – Lesson 6: <i>Translations in the Coordinate Plane</i> pp. 172-174 Unit 6 – Lesson 7: <i>Reflections and Rotations in the Coordinate Plane</i> pp. 175-178
<b>Strand 4: Geometry and Measurement</b>		
<b>Concept 4: Measurement</b>		
PO 1. Solve problems involving the circumference and area of a circle by calculating and estimating.	M07-S5C2-11. Use manipulatives and other modeling techniques to defend $\pi$ as a ratio of circumference to diameter.	Unit 7 – Lesson 4: <i>Circumference of a Circle</i> pp. 194-196 Unit 7 – Lesson 5: <i>Area of a Circle</i> pp. 197-199
Connections: M07-S1C3-01, M07-S1C3-02, M07-S5C2-11		
PO 2. Identify polygons having the same perimeter or area.		Unit 6 – Lesson 5: <i>Similar Polygons</i> pp. 169-171
PO 3. Calculate the area and perimeter		Unit 7 –

of composite 2-dimensional figures.  Connections: M07-S1C3-02, M07-S5C1-01		Lesson 2: <i>Area of Parallelograms and Triangles</i> pp. 187-190 Unit 7 – Lesson 3: <i>Irregular Figures</i> pp. 191-193 Unit 7 – Lesson 4: <i>Circumference of a Circle</i> pp. 194-196 Unit 7 – Lesson 5: <i>Area of a Circle</i> pp. 197-199
PO 4. Determine actual lengths based on scale drawings or maps.  Connections: M07-S1C3-02, M07-S1C3-04, M07-S4C1-03, SS07-S4C1-03	M07-S5C2-02. Analyze and compare mathematical strategies for efficient problem solving; select and use one or more strategies to solve a problem.	Unit 5 – Lesson 4: <i>Scale Drawings and Models</i> pp. 138-140
PO 5. Create a net to calculate the surface area of a given solid.  Connections: M07-S1C3-02, M07-S4C1-03, M07-S4C4-07, M07-S5C1-01	M07-S5C2-02. Analyze and compare mathematical strategies for efficient problem solving; select and use one or more strategies to solve a problem.	Unit 7 – Lesson 6: <i>Surface Area of a Prism</i> pp. 200-202 Lesson 7: <i>Surface Area of a Cylinder</i> pp. 203-205
PO 6. Identify the appropriate unit of measure to compute the volume of an object and justify reasoning.  Connections: M07-S1C3-02	M07-S5C2-03. Identify relevant, missing, and extraneous information related to the solution to a problem.	Unit 7 – Lesson 8: <i>Volume of a Prism</i> pp. 206-209
PO 7. Measure to the appropriate degree of accuracy and justify reasoning.  Connections: M07-S4C1-03, M07-S4C4-05, SC07-S1C2-04	M07-S5C2-03. Identify relevant, missing, and extraneous information related to the solution to a problem.	Unit 7 – Lesson 4: <i>Circumference of a Circle</i> pp. 194-196 Lesson 5: <i>Area of a Circle</i> pp. 197-199 Unit 7 – Lesson 6: <i>Surface Area of a Prism</i> pp. 200-202 Unit 7 – Lesson 7: <i>Surface Area of a Cylinder</i> pp. 203-205 Unit 7 – Lesson 8: <i>Volume of a Prism</i> pp. 206-209
<b>Strand 5: Structure and Logic</b> <b>Concept 1: Algorithms and Algorithmic Thinking</b>		
PO 1. Create an algorithm to determine the area of a given composite figure.  Connections: M07-S4C4-03, M07-S4C4-	M07-S5C2-08. Make and test conjectures based on information collected from explorations and experiments.	Unit 7 – Lesson 3: <i>Irregular Figures</i> pp. 190-193

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<b>Strand 5: Structure and Logic</b>		
<b>Concept 2: Logic, Reasoning, Problem Solving, and Proof</b>		
PO 1. Analyze a problem situation to determine the question(s) to be answered.		Unit 4 – Lesson 6: <i>Solving One-Step Equations Using Addition and Subtraction</i> pp. 115-117 Unit 4 – Lesson 7: <i>Solving One-Step Equations Using Multiplication and Division</i> pp. 118-120
PO 2. Analyze and compare mathematical strategies for efficient problem solving; select and use one or more strategies to solve a problem.		Unit 4 – Lesson 6: <i>Solving One-Step Equations Using Addition and Subtraction</i> pp. 115-117 Unit 4 – Lesson 7: <i>Solving One-Step Equations Using Multiplication and Division</i> pp. 118-120
PO 3. Identify relevant, missing, and extraneous information related to the solution to a problem.		Unit 4 – Lesson 4: <i>Graphing Functions</i> pp. 109-111 Lesson 8: <i>Solving and Graphing Inequalities</i> pp. 121-124
PO 4. Represent a problem situation using multiple representations, describe the process used to solve the problem, and verify the reasonableness of the solution.		Unit 8 – Lesson 7: <i>Bar Graphs and Line Graphs</i> pp. 233-236 Unit 8 – Lesson 8: <i>Circle Graphs</i> pp. 237-240
PO 5. Apply a previously used problem-solving strategy in a new context.		Unit 5 – Lesson 1: <i>Ratios</i> pp. 128-131
PO 6. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.  Connections: SC07-S1C4-03, SC07-S1C4-05		Unit 4 – Lesson 6: <i>Solving One-Step Equations Using Addition and Subtraction</i> pp. 115-117 Unit 4 – Lesson 7: <i>Solving One-Step Equations Using Multiplication and Division</i> pp. 118-120
PO 7. Isolate and organize mathematical information taken from symbols, diagrams, and graphs to make inferences,		Unit 6 – Lesson 6: <i>Translations in the Coordinate Plane</i> pp. 172-174 Unit 6 –

draw conclusions, and justify reasoning.  Connections: SC07-S1C3-05		Lesson 7: <i>Reflections and Rotations in the Coordinate Plane</i> pp. 175-178
PO 8. Make and test conjectures based on information collected from explorations and experiments.  Connections: SC07-S1C1-01, SC07-S1C2-03, SC07-S1C3-04, SC07-S1C3-06, SC07-S1C3-07		Unit 4 – Lesson 6: <i>Solving One-Step Equations Using Addition and Subtraction</i> pp. 115-117 Unit 4 – Lesson 7: <i>Solving One-Step Equations Using Multiplication and Division</i> pp. 118-120
PO 9. Solve logic problems using multiple variables and multiple conditional statements using words, pictures, and charts.  Connections: M07-S2C3-02	M07-S5C2-06. Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Unit 8 – Lesson 6: <i>Mean, Median, and Mode</i> pp. 229-232
PO 10. Demonstrate and explain that the process of solving equations is a deductive proof.  Connections: M07-S3C3-03, M07-S3C3-05	M07-S5C2-07. Isolate and organize mathematical information taken from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Unit 4 – Lesson 6: <i>Solving One-Step Equations Using Addition and Subtraction</i> pp. 115-117 Unit 4 – Lesson 7: <i>Solving One-Step Equations Using Multiplication and Division</i> pp. 118-120
PO 11. Use manipulatives and other modeling techniques to defend $\pi$ (pi) as a ratio of circumference to diameter. Connections: M07-S1C3-01, M07-S4C4-01	M07-S5C2-08. Make and test conjectures based on information collected from explorations and experiments.	Unit 7 – Lesson 4: <i>Circumference of a Circle</i> pp. 194-196 Unit 7 – Lesson 5: <i>Area of a Circle</i> pp. 197-199