

State Correlation Report: Illinois

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Grade: Seventh

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Subject: Math

Report Name: N/A

Generated by: Jeff Hunt

Strand Key	Description	Learning Activities	Lesson Quizzes
7.6.7.01	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6A: Representations and Ordering. Read, Write, and Represent Numbers Objective 6.7.01: Read, write, and recognize equivalent representations of positive powers of 10.	AL010 AL046 AL109 6B005 6643 67116 67123 67124 6658 67182 M7001 M7002 M7003 M7004 M7005 M7006 76242 76243 8062 8104 8063 8105 8108	AL-2A10 AL-2E01 AL-2K02 MA07ZZ27 MA08ZZ12 MA08ZZ24 MA08ZZ25
7.6.7.02	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6A: Representations and Ordering. Read, Write, and Represent Numbers Objective 6.7.02: Read, write, recognize, model, and interpret integers, including translating numerical expressions.	AL002 AL004 AL005 AL108 67205 76237 76238 76260 76261 8120	AL-2A02 AL-2A04 AL-2A05 AL-2K01 MA07ZZ23 MA07ZZ24 MA07ZZ37 MA07ZZ38 MA08ZZ06
7.6.7.03	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6A: Representations and Ordering. Read, Write, and Represent Numbers Objective 6.7.03: Recognize, translate between, and apply multiple representations of rational numbers (decimals, fractions, mixed numbers, and percents less than 100%).	AL021 AL022 AL038 AL039 AL085 AL108 AL110 67123 67124 67150 6680 67163 67164 67165 67182 M7051 M7052 M7053 M7054 M7055 M7056 76237 76238 76239 76245 76246 76250 76251 76252 8065 8107 8108 8067 8068 8115 8116 8117 8119	AL-2B09 AL-2B10 AL-2D02 AL-2D03 AL-2H10 AL-2K01 AL-2K03 MA07ZZ23 MA07ZZ24 MA07ZZ29 MA07ZZ30 MA07ZZ32 MA07ZZ33 MA07ZZ34 MA08ZZ12 MA08ZZ27 MA08ZZ28 MA08ZZ32 MA08ZZ33 MA08ZZ34 MA08ZZ38 MA08ZZ47
7.6.7.04	State Goal 6: Number Sense: Demonstrate and apply a	AL010 AL018 AL046	AL-2A10

	<p>knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6A: Representations and Ordering. Read, Write, and Represent Numbers Objective 6.7.04: Represent repeated factors using exponents.</p>	<p>AL059 AL064 6B005 6643 67116 67123 67124 M7001 M7002 M7003 M7004 M7005 M7006 76233 76234 76242 76243 8062 8104 8105 8108</p>	<p>AL-2B06 AL-2E01 AL-2F02 AL-2F07 MA07ZZ22 MA07ZZ27 MA08ZZ12 MA08ZZ24 MA08ZZ25</p>
<p>7.6.7.05</p>	<p>State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6A: Representations and Ordering. Order and Compare Numbers Objective 6.7.05: Order and compare integers, terminating decimals, fractions, and mixed numbers.</p>	<p>AL003 AL004 AL005 AL085 AL108 67147 67148 67150 6680 67188 67182 76237 76238 76244 76250 76251 76252 M8023 M8024 M8025 M8026 M8027 M8028 8067 8068 8119 8120</p>	<p>AL-2A03 AL-2A04 AL-2A05 AL-2H10 AL-2K01 MA07ZZ23 MA07ZZ24 MA07ZZ28 MA07ZZ32 MA07ZZ33 MA07ZZ34 MA08ZZ06 MA08ZZ27 MA08ZZ28 MA08ZZ47</p>
<p>7.6.7.06</p>	<p>State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6A: Representations and Ordering. Number Line Objective 6.7.06: Identify and locate integers, decimals, and fractions/mixed numbers on a number line, and estimate the locations of square roots.</p>	<p>AL003 AL004 AL005 AL013 AL014 AL021 AL022 AL034 AL085 AL108 AL110 AL116 67147 67148 67123 6B006 67150 6680 67182 67212 67213 76237 76238 76250 76251 76252 76262 76264 M8017 M8018 M8019 M8020 M8021 M8022 M8171 M8172 8059 8066 8108 8067 8068 8119 8120 8122</p>	<p>AL-2A03 AL-2A04 AL-2A05 AL-2B01 AL-2B02 AL-2B09 AL-2B10 AL-2C10 AL-2H10 AL-2K01 AL-2K03 AL-2K09 MA07ZZ23 MA07ZZ24 MA07ZZ32 MA07ZZ33 MA07ZZ34 MA07ZZ39 MA08ZZ06 MA08ZZ12 MA08ZZ13 MA08ZZ21 MA08ZZ27 MA08ZZ28 MA08ZZ47</p>
<p>7.6.7.07</p>	<p>State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6A: Representations and Ordering.</p>	<p>AL018 AL058 AL059 AL076 AL079 AL080 AL081 67114 67115 67156 6B003 67117</p>	<p>AL-2B06 AL-2F01 AL-2F02 AL-2H01</p>

	<p>Classifications of Numbers Objective 6.7.07: Solve problems involving descriptions of numbers, including characteristics and relationships (e.g., square numbers, prime/composite, prime factorization, greatest common factor, least common multiple).</p>	<p>M7035 M7036 M7037 M7038 M7039 M7040 M7041 M7042 M7043 M7044 M7045 M7046 M7047 M7048 76233 76234 76235 76236 M8043 M8044 M8045 M8046 M8047 M8048 8066 8108 8069 8111</p>	<p>AL-2H04 AL-2H05 AL-2H06 MA07ZZ17 MA07ZZ22 MA08ZZ12 MA08ZZ29</p>
<p>7.6.7.08</p>	<p>State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Number Operations Objective 6.7.08: Solve problems and number sentences involving addition, subtraction, multiplication, and division using integers, fractions, and decimals.</p>	<p>AL001 AL004 AL005 AL006 AL007 AL015 AL078 AL081 AL166 AL167 67154 67155 6B007 67151 6680 67174 67175 6B008 67203 67204 76227 76228 76229 76238 76239 76240 76241 76245 76246 76247 76248 76249 76250 76253 76254 76255 76260 76261 8101 8102 8061 8103 8064 8106 8107 8067 8109 8068 8110 8112 8071 8113 8077 8078 8120</p>	<p>AL-2A01 AL-2A04 AL-2A05 AL-2A06 AL-2A07 AL-2B03 AL-2H03 AL-2H06 MA07ZZ18 MA07ZZ19 MA07ZZ20 MA07ZZ24 MA07ZZ25 MA07ZZ26 MA07ZZ29 MA07ZZ30 MA07ZZ31 MA07ZZ32 MA07ZZ35 MA07ZZ36 MA07ZZ37 MA07ZZ38 MA08ZZ06 MA08ZZ21 MA08ZZ22 MA08ZZ23 MA08ZZ26 MA08ZZ27 MA08ZZ28 MA08ZZ30 MA08ZZ31 MA08ZZ38 MA08ZZ47</p>
<p>7.6.7.09</p>	<p>State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Number Operations Objective 6.7.09: Identify and apply order of operations to simplify numeric expressions involving whole numbers (including exponents), fractions, and decimals.</p>	<p>AL023 AL154 AL085 AL108 AL115 67124 6680 67182 M7015 M7016 M7017 M7018 M7019 M7020 76237 76242 76243 76250 76260 76261 M8033 M8034 M8035 M8036</p>	<p>AL-2B11 AL-2H10 AL-2K01 AL-2K08 MA07ZZ23 MA07ZZ27 MA07ZZ32 MA07ZZ37 MA07ZZ38</p>

		M8037 M8038 8109 8119 8079 8121	MA08ZZ01 MA08ZZ27 MA08ZZ47
7.6.7.10.a	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Properties Objective 6.7.10: Identify and apply the following properties of operations with rational numbers: the commutative and associative properties for addition and multiplication;	AL013 AL014 AL015 AL016 67122 8065 8107	AL-2B01 AL-2B02 AL-2B03 AL-2B04 MA08ZZ38
7.6.7.10.b	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Properties Objective 6.7.10: Identify and apply the following properties of operations with rational numbers: the distributive property;	AL017 AL018 AL154 67122 76242 8065 8107	AL-2B05 AL-2B06 MA07ZZ27 MA08ZZ38
7.6.7.10.c	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Properties Objective 6.7.10: Identify and apply the following properties of operations with rational numbers: the additive and multiplicative identity properties;	AL020 AL028 M7079 M7080 M7081 M7082 M7083 M7084 8065 8107	AL-2B08 AL-2C04 MA08ZZ38
7.6.7.10.d	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Properties Objective 6.7.10: Identify and apply the following properties of operations with rational numbers: the additive and multiplicative inverse properties; and	AL014 AL020 AL028 AL030 AL037 AL083 67203 67204 M7079 M7080 M7081 M7082 M7083 M7084 76253 76254 76255 8107 8120 8121	AL-2B02 AL-2B08 AL-2C04 AL-2C06 AL-2D01 AL-2H08 MA07ZZ35 MA07ZZ36 MA08ZZ01 MA08ZZ06 MA08ZZ38
7.6.7.10.e	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Properties Objective 6.7.10: Identify and apply the following properties of operations with rational numbers: the multiplicative property of zero.	AL006 AL019 AL064 67204 8107	AL-2A06 AL-2B07 AL-2F07 MA08ZZ38
7.6.7.11	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Properties	AL020 AL154 AL037 AL083 67153 67203 67204 67212 M7085 M7086 M7087 M7088 M7089	AL-2B08 AL-2D01 AL-2H08 MA07ZZ29 MA07ZZ30

	Objective 6.7.11: Demonstrate and apply the relationships between addition/subtraction and multiplication/division with rational numbers.	M7090 M7091 M7092 M7093 M7094 M7095 M7096 76245 76246 76247 76253 76254 76255 8061 8105 8064 8106 8065 8107 8068 8110 8078 8120 8122	MA07ZZ35 MA07ZZ36 MA08ZZ06 MA08ZZ13 MA08ZZ23 MA08ZZ25 MA08ZZ26 MA08ZZ28 MA08ZZ38
7.6.7.12	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Estimation Objective 6.7.12: Make estimates appropriate to a given situation, and analyze what effect the estimation method used has on the accuracy of results.	67154 6680 6B009 6B010 6B011 M7033 M7034 76231 76232 76248 76249 M8029 M8030 8070 8112	MA07ZZ14 MA07ZZ31 MA08ZZ30
7.6.7.13	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6B 6C: Computation, Operations, Estimation, and Properties. Estimation Objective 6.7.13: Estimate the square root of a number less than 1,000 between two whole numbers (e.g., the square root of 41 is between 6 and 7)	AL021 AL022 AL110 AL116 6B003 67123 76231 76232 76237 M8017 M8018 M8019 M8020 M8021 M8022 M8029 M8030 8066 8108 8112 8119	AL-2B09 AL-2B10 AL-2K03 AL-2K09 MA07ZZ14 MA07ZZ23 MA08ZZ12 MA08ZZ30 MA08ZZ47
7.6.7.14	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6D: Ratios, Proportions, and Percents. Identify and Express Ratios Objective 6.7.14: Create and explain ratios that represent a given situation.	AL044 67182 67192 M7059 M7060 76256 76257 76258 76259 8076 8118	AL-2D08 MA07ZZ01 MA07ZZ06 MA08ZZ35
7.6.7.15	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6D: Ratios, Proportions, and Percents. Proportional Reasoning Objective 6.7.15: Use proportional reasoning to model and solve problems.	AL043 AL044 AL045 AL082 AL166 AL167 6706 67254 67242 67173 67178 67193 76256 76257 76258 76259 8073 8115 8074 8116 8075 8117 8076 8118	AL-2D07 AL-2D08 AL-2D09 AL-2H07 MA07ZZ01 MA07ZZ06 MA08ZZ32 MA08ZZ33 MA08ZZ34 MA08ZZ35
7.6.7.16	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6D: Ratios, Proportions, and Percents. Percents Objective 6.7.16: Read, write, recognize, model, and interpret percents from 0% to 100%.	AL038 AL039 67163 67164 67165 8115 8116 8117	AL-2D02 AL-2D03 MA08ZZ32 MA08ZZ33 MA08ZZ34
7.6.7.17	State Goal 6: Number Sense: Demonstrate and apply a knowledge and sense of numbers, including numeration	AL001 AL038 AL039	AL-2A01

	<p>and operations (addition, subtraction, multiplication, division), patterns, ratios and proportions. Standard 6D: Ratios, Proportions, and Percents. Percents Objective 6.7.17: Solve number sentences and problems involving fractions, decimals, and percents (e.g., 50% of 10 is the same as 1/2 of 10 is the same as 0.5×10, sales tax, tips, interest, discounts).</p>	<p>AL042 AL085 AL108 6B007 6680 67163 67164 67165 67166 67182 M7051 M7052 M7053 M7054 M7055 M7056 M7061 M7062 M7063 M7064 M7065 M7066 M7067 M7068 M7069 M7070 M7071 M7072 M7097 M7098 M7099 M7100 M7101 M7102 76250 76258 76259 8115 8074 8116 8117 8119</p>	<p>AL-2D02 AL-2D03 AL-2D06 AL-2H10 AL-2K01 MA07ZZ06 MA07ZZ32 MA08ZZ32 MA08ZZ33 MA08ZZ34 MA08ZZ47</p>
7.7.7.01	<p>State Goal 7: Measurement: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy. Standard 7A 7B 7C: Units, Tools, Estimation, and Applications. Measurement Tools Objective 7.7.01: Select and use appropriate standard units and tools to measure length, mass/weight, capacity, and angles. Sketch, with given specifications, line segments, angles, triangles, and quadrilaterals.</p>	<p>AL118 AL121 AL122 67257 67253 67172 67173 67176 67178 67208 M7125 M7126 M7127 M7128 M7129 M7130 M7131 M7132 M7207 M7208 M7209 M7210 M7211 M7212 76266 76272 M8179 M8180 M8181 M8182 M8183 M8184 M8185 M8186 8083 8125 8084 8126</p>	<p>AL-2L01 AL-2L04 AL-2L05 MA07ZZ40 MA07ZZ43 MA08ZZ15 MA08ZZ37</p>
7.7.7.02	<p>State Goal 7: Measurement: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy. Standard 7A 7B 7C: Units, Tools, Estimation, and Applications. Area , Perimeter, and Circumference Objective 7.7.02: Solve problems involving the perimeter and area of polygons and composite figures using diagrams, models, and grids or by measuring or using given formulas (may include sketching a figure from its description).</p>	<p>AL011 AL024 AL155 AL157 67245 67208 67209 67210 M7141 M7142 76272 76274 76275 76294 8086 8128 8087 8129 8142</p>	<p>AL-2A11 AL-2B12 MA07ZZ08 MA07ZZ43 MA07ZZ52 MA08ZZ16 MA08ZZ17 MA08ZZ45</p>
7.7.7.03	<p>State Goal 7: Measurement: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy. Standard 7A 7B 7C: Units, Tools, Estimation, and Applications. Estimation Objective 7.7.03: Compare and estimate length (including perimeter), area, volume, weight/mass, and angles (0° to 180°) using referents.</p>	<p>67154 6680 67173 67176 67178 67209 67226 M7207 M7208 M7209 M7210 M7211 M7212 76231 76232 76248 76249 76294 M8029 M8030 8070 8112 8127 8128 8087 8129 8142</p>	<p>MA07ZZ14 MA07ZZ31 MA07ZZ52 MA08ZZ14 MA08ZZ16 MA08ZZ17 MA08ZZ30 MA08ZZ45</p>

7.7.7.04	State Goal 7: Measurement: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy. Standard 7A 7B 7C: Units, Tools, Estimation, and Applications. Volume and Surface Area Objective 7.7.04: Determine the volume and surface area of a right rectangular prism using an appropriate formula or strategy.	67237 67225 67226 M7173 M7174 M7175 M7176 M7177 M7178 M7179 M7180 M7181 M7182 M7183 M7184 76274 76275 M8145 M8146 M8147 M8148 M8149 M8150 M8151 M8152 8088 8086 8087 8129 8089 8090	MA07ZZ08 MA08ZZ07 MA08ZZ16 MA08ZZ17 MA08ZZ18 MA08ZZ19
7.7.7.05	State Goal 7: Measurement: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy. Standard 7A 7B 7C: Units, Tools, Estimation, and Applications. Measurement Conversions Objective 7.7.05: Solve problems involving unit conversions within the same measurement system for length, weight/mass, capacity, and square units (e.g., 1 ft ² = 144 in ²).	67172 67173 67176 67178 M7199 M7200 M7219 M7220 M7221 M7222 M7223 M7224 76276 76277 76278 76279	MA07ZZ02 MA07ZZ05 MA07ZZ07 MA07ZZ09
7.7.7.06	State Goal 7: Measurement: Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy. Standard 7A 7B 7C: Units, Tools, Estimation, and Applications. Indirect Measurements and Scale Drawings Objective 7.7.06: Solve problems involving scale drawings and maps.	67241 67242 67173 M7073 M7074 M7075 M7076 M7077 M7078 M8171 M8172	
7.8.7.01	State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. Standard 8A: Representations, Patterns, and Expressions. Patterns Objective 8.7.01: Determine a missing term in a sequence, extend a sequence, and construct and identify a rule that can generate the terms of an arithmetic or geometric sequence.	67200 76292	MA07ZZ50
7.8.7.02	State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. Standard 8A: Representations, Patterns, and Expressions. Write and Simplify Expressions Objective 8.7.02: Write an expression using variables to represent unknown quantities.	AL001 AL002 AL008 AL009 AL157 AL115 67201 67205 67212 67213 76260 8121	AL-2A01 AL-2A02 AL-2A08 AL-2A09 AL-2K08 MA07ZZ37 MA08ZZ01
7.8.7.03	State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. Standard 8A: Representations, Patterns, and Expressions. Write and Simplify Expressions Objective 8.7.03: Simplify algebraic expressions by identifying and combining like terms.	AL008 AL009 AL010 AL023 AL157 AL037 AL167 AL115 67123 67205 M7103 M7104 M7115 M7116 M7117 M7118 M7119 M7120 76242 76243 M8033 M8034 M8035 M8036	AL-2A08 AL-2A09 AL-2A10 AL-2B11 AL-2D01 AL-2K08 MA07ZZ27 MA08ZZ01

		M8037 M8038 M8109 M8110 8121	
7.8.7.04	State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. Standard 8A: Representations, Patterns, and Expressions. Write and Simplify Expressions Objective 8.7.04: Recognize equivalent forms of algebraic expressions.	AL001 AL157 76260 76261 8059	AL-2A01 MA07ZZ37 MA07ZZ38 MA08ZZ21
7.8.7.05	State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. Standard 8A: Representations, Patterns, and Expressions. Evaluate Algebraic Expressions Objective 8.7.05: Evaluate or simplify algebraic expressions with one or more integer variable values (e.g., $a^2 + b$ for $a = 3$ and $b = -4$).	AL001 AL002 AL008 AL009 AL010 AL023 AL157 AL037 AL167 AL115 67123 67201 67205 67212 67213 M7115 M7116 M7117 M7118 M7119 M7120 76242 76243 76260 76261 M8033 M8034 M8035 M8036 M8037 M8038 M8109 M8110 8121	AL-2A01 AL-2A02 AL-2A08 AL-2A09 AL-2A10 AL-2B11 AL-2D01 AL-2K08 MA07ZZ27 MA07ZZ37 MA07ZZ38 MA08ZZ01
7.8.7.06	State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. Standard 8B: Connections Using Tables, Graphs, and Symbols. Describing Change Objective 8.7.06: Determine how a change in one variable relates to a change in a second variable.	AL002 AL008 AL009 67201 67205 67212 67213 76265 8121	AL-2A02 AL-2A08 AL-2A09 MA07ZZ10 MA08ZZ01
7.8.7.07	State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. Standard 8B: Connections Using Tables, Graphs, and Symbols. Coordinate System Objective 8.7.07: Represent linear equations and quantitative relationships on a rectangular coordinate system, and interpret the meaning of a specific part of a graph.	AL001 AL029 AL036 AL086 AL087 AL095 AL099 AL104 AL176 76262 76264 76263 76265 M8187 M8188 M8189 M8190 M8191 M8192 M8193 M8194 8081 8123	AL-2A01 AL-2C05 AL-2C12 AL-2I01 AL-2I02 AL-2I10 AL-2J03 AL-2J08 MA07ZZ10 MA07ZZ39 MA08ZZ48
7.8.7.08	State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results. Standard 8B: Connections Using Tables, Graphs, and Symbols. Representations Objective 8.7.08: Translate between different representations (table, written, graphical, or pictorial) of whole number relationships and linear expressions.	AL001 AL002 AL009 AL029 AL157 AL099 AL104 AL115 67200 76237 76260 76292 M8187 M8188 M8189 M8190 M8191 M8192 M8193 M8194 M8215 M8216 M8217 M8218 M8219 M8220 8119 8123	AL-2A01 AL-2A02 AL-2A09 AL-2C05 AL-2J03 AL-2J08 AL-2K08 MA07ZZ23 MA07ZZ37 MA07ZZ50 MA08ZZ47 MA08ZZ48

7.8.7.09	<p>State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results.</p> <p>Standard 8B: Connections Using Tables, Graphs, and Symbols. Inequalities</p> <p>Objective 8.7.09: Identify, graph, and interpret inequalities on a number line.</p>	<p>AL013 AL014 AL034 AL093 AL094 AL171 67212 67213 67214 76262 76264 M8195 M8196 M8197 M8198 M8199 M8200 8080 8122 8082 8124</p>	<p>AL-2B01 AL-2B02 AL-2C10 AL-2I08 AL-2I09 MA07ZZ39 MA08ZZ13 MA08ZZ36</p>
7.8.7.10	<p>State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results.</p> <p>Standard 8C 8D: Writing, Interpreting, and Solving Equations. Write Equations and Inequalities</p> <p>Objective 8.7.10: Represent and analyze problems with linear equations and inequalities.</p>	<p>AL029 AL099 AL104 AL171 M8111 M8112 M8113 M8114 M8115 M8116 M8187 M8188 M8189 M8190 M8191 M8192 M8193 M8194 M8195 M8196 M8197 M8198 M8199 M8200 M8203 M8204 8122 8123 8124</p>	<p>AL-2C05 AL-2J03 AL-2J08 MA08ZZ13 MA08ZZ36 MA08ZZ48</p>
7.8.7.11	<p>State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results.</p> <p>Standard 8C 8D: Writing, Interpreting, and Solving Equations. Solve Equations and Inequalities</p> <p>Objective 8.7.11: Solve linear equations in one variable (e.g., $2x + 3 = 13$) and inequalities involving $<$ or $>$ (e.g., $2x < 6$, $x + 7 > 10$).</p>	<p>AL002 AL008 AL009 AL035 AL100 AL101 AL102 AL104 AL171 67201 67205 67212 67213 67214 M7121 M7122 76262 76264 M8111 M8112 M8113 M8114 M8115 M8116 M8195 M8196 M8197 M8198 M8199 M8200 8121 8080 8122 8123 8082 8124</p>	<p>AL-2A02 AL-2A08 AL-2A09 AL-2C11 AL-2J04 AL-2J05 AL-2J06 AL-2J08 MA07ZZ39 MA08ZZ01 MA08ZZ13 MA08ZZ36 MA08ZZ48</p>
7.8.7.12	<p>State Goal 8: Algebra: Use algebraic and analytical methods to identify and describe patterns and relationships in data, solve problems and predict results.</p> <p>Standard 8C 8D: Writing, Interpreting, and Solving Equations. Solve Equations and Inequalities</p> <p>Objective 8.7.12: Solve word problems involving unknown quantities.</p>	<p>AL159 67166 76292 76294 8118 8119</p>	<p>MA07ZZ50 MA07ZZ52 MA08ZZ35 MA08ZZ47</p>
7.9.7.01	<p>State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p> <p>Standard 9A: Properties of Single Figures and Coordinate Geometry. Properties of Single Figures</p> <p>Objective 9.7.01: Classify, describe, and sketch regular and irregular two-dimensional shapes according to the number of sides, length of sides, number of vertices, and interior angles.</p>	<p>AL121 67159 67219 67254 67210 M7161 M7162 76267 8083 8125 8126 8127</p>	<p>AL-2L04 MA07ZZ41 MA08ZZ14 MA08ZZ15 MA08ZZ37</p>
7.9.7.02	<p>State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space.</p>	<p>67159 67236 67237 76266 M8153 M8154</p>	<p>MA07ZZ40</p>

	Standard 9A: Properties of Single Figures and Coordinate Geometry. Properties of Single Figures Objective 9.7.02: Solve problems involving two- and three-dimensional shapes.	M8155 M8156 M8157 M8158	
7.9.7.03	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9A: Properties of Single Figures and Coordinate Geometry. Properties of Single Figures Objective 9.7.03: Solve problems using properties of triangles and quadrilaterals (e.g., opposite sides of a parallelogram are congruent).	AL121 AL122 67253 67249 67251 67208 M7123 M7124 M7127 M7128 M7129 M7130 M7131 M7132 76272 M8127 M8128 M8129 M8130 M8131 M8132 8084 8126 8085 8127	AL-2L04 AL-2L05 MA07ZZ43 MA08ZZ14 MA08ZZ37
7.9.7.04	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9A: Properties of Single Figures and Coordinate Geometry. Circles Objective 9.7.04: Identify, describe, and determine the radius and diameter of a circle.	6B014 67257 67160 8087 8129	MA08ZZ17
7.9.7.05	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9A: Properties of Single Figures and Coordinate Geometry. Coordinate Geometry Objective 9.7.05: Graph points and identify coordinates of points on the Cartesian coordinate plane (all four quadrants).	AL086 AL096 67257 67255 67256 M7225 M7226 M7227 M7228 M7229 M7230 M7231 M7232	AL-2I01 AL-2I11
7.9.7.08	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9A: Properties of Single Figures and Coordinate Geometry. Lines, Segments, Rays, and Angles Objective 9.7.08: Identify or analyze relationships of angles formed by intersecting lines.	AL119 8127	AL-2L02 MA08ZZ14
7.9.7.09	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9A: Properties of Single Figures and Coordinate Geometry. Lines, Segments, Rays, and Angles Objective 9.7.09: Identify and sketch acute, right, and obtuse angles.	76266 8083 8125 8127	MA07ZZ40 MA08ZZ14 MA08ZZ15
7.9.7.10	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9A: Properties of Single Figures and Coordinate Geometry. Lines, Segments, Rays, and Angles Objective 9.7.10: Solve problems involving complementary and supplementary angles.	67219 M7163 M7164 76266 76267 8083 8125	MA07ZZ40 MA07ZZ41 MA08ZZ15
7.9.7.11	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9B: Relationships Between and Among Multiple Figures. Relationships Between Two- and Three-	67238 67225	

	Dimensional Objects Objective 9.7.11: Identify a three- dimensional object from its net.		
7.9.7.13	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9B: Relationships Between and Among Multiple Figures. Congruency and Similarity Objective 9.7.13: Describe the difference between congruence and similarity.	67249 67251 M7165 M7166 M7167 M7168 M7169 M7170 M8127 M8128 M8129 M8130 M8131 M8132 8085 8127	MA08ZZ14
7.9.7.14	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9B: Relationships Between and Among Multiple Figures. Congruency and Similarity Objective 9.7.14: Determine if figures are similar, and identify relationships between corresponding parts of similar figures.	AL043 67249 67251 M8127 M8128 M8129 M8130 M8131 M8132 8085 8127	AL-2D07 MA08ZZ14
7.9.7.15	State Goal 9: Use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Standard 9B: Relationships Between and Among Multiple Figures. Distance Objective 9.7.15: Determine the distance between two points on a horizontal or vertical number line.	AL013 AL014 AL034 AL086 67212 67213 67257 67255 67245 76262 76264 M8171 M8172 8059 8122	AL-2B01 AL-2B02 AL-2C10 AL-2I01 MA07ZZ39 MA08ZZ13 MA08ZZ21
7.10.7.01	State Goal 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability. Standard 10A 10B: Data Analysis and Statistics. Read and Interpret Displays Objective 10.7.01: Read, interpret, and make predictions from data represented in a bar graph, line (dot) plot, Venn diagram (with two circles), chart/table, line graph, scatterplot, circle graph, or histogram.	AL067 AL107 67229 67230 67233 6769 M7265 M7266 M7267 M7268 M7269 M7270 76280 76281 76282 76283 M8243 M8244 M8245 M8246 M8247 M8248 8094 8132 8095 8133 8096 8134 8135	AL-2G01 AL-2J11 MA07ZZ04 MA07ZZ12 MA07ZZ45 MA07ZZ46 MA08ZZ04 MA08ZZ10 MA08ZZ39 MA08ZZ49
7.10.7.02	State Goal 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability. Standard 10A 10B: Data Analysis and Statistics. Read and Interpret Displays Objective 10.7.02: Compare different representations of the same data.	AL067 AL107 76282 76283	AL-2G01 AL-2J11 MA07ZZ12 MA07ZZ46
7.10.7.03	State Goal 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability. Standard 10A 10B: Data Analysis and Statistics. Complete and Create Displays Objective 10.7.03: Create a bar graph, chart/table, line graph, or circle graph for a given set of data.	AL067 67230 67233 6769 76281 76282 76283 M8243 M8244 M8245 M8246 M8247 M8248 8094 8132	AL-2G01 MA07ZZ04 MA07ZZ12 MA07ZZ46 MA08ZZ04
7.10.7.04	State Goal 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.	8096 8134	MA08ZZ39

	<p>Standard 10A 10B: Data Analysis and Statistics. Line of Best Fit Objective 10.7.04: Identify a reasonable approximation of the line of best fit from a set of data or a scatter plot.</p>		
7.10.7.05	<p>State Goal 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability. Standard 10A 10B: Data Analysis and Statistics. Statistics Objective 10.7.05: Determine and use the mode, range, median, and mean to interpret data.</p>	<p>AL068 67229 67230 6769 M7271 M7272 M7273 M7274 M7275 M7276 M7277 M7278 76280 M8255 M8256 M8257 M8258 M8259 M8260 M8261 M8262 8094 8095 8133 8134 8097 8135 8098 8136</p>	<p>AL-2G02 MA07ZZ45 MA08ZZ04 MA08ZZ10 MA08ZZ11 MA08ZZ39 MA08ZZ49</p>
7.10.7.06	<p>State Goal 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability. Standard 10C: Probability. Probability Objective 10.7.06: Solve problems involving the probability of a simple or compound event, including representing the probability as a fraction, decimal, or percent.</p>	<p>AL070 AL073 AL075 6698 67168 67169 67170 M7253 M7254 M7255 M7256 M7257 M7258 M7259 M7260 M7261 M7262 M7263 M7264 76288 76289 76295 M8227 M8228 M8229 M8230 M8231 M8232 8099 8137 8100 8143</p>	<p>AL-2G04 AL-2G07 AL-2G09 MA07ZZ47 MA07ZZ53 MA08ZZ40 MA08ZZ41 MA08ZZ46</p>
7.10.7.07	<p>State Goal 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability. Standard 10C: Probability. Outcomes and Counting Principles Objective 10.7.07: Represent all possible outcomes for simple events.</p>	<p>AL070 AL071 AL074 67168 67169 67170</p>	<p>AL-2G04 AL-2G05 AL-2G08</p>
7.10.7.08	<p>State Goal 10: Collect, organize and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability. Standard 10C: Probability. Outcomes and Counting Principles Objective 10.7.08: Solve simple problems involving the number of ways objects can be arranged (permutations and combinations).</p>	<p>AL164 AL165 76286 76287 76290 8100 8138</p>	<p>MA07ZZ03 MA07ZZ48 MA08ZZ41</p>