

Grade: 8 Topic: Equations and Inequalities	
Included Standards: MA.8.A.4.In.a, MA.8.A.4.In.b, MA.8.4.Su.a, MA.8.A.4.Su.b, MA.8.A.4.Pa.a, MA.8.A.Pa.b	
Score 4.0	<p>In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.</p> <ul style="list-style-type: none"> •
Score 3.0	<p>The student will be able to solve inequalities.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> • Identify the meaning of the variables in stated formulas (literal equations) to solve problems involving area and perimeter. (I) • Translate real-world problem situations into number sentences equations involving addition of one digit and two-digit numbers using physical and visual models and tables. (S) • Identify a given quantity to 8 and take away 1 to solve problems. (P) <p>The student exhibits no major errors or omissions regarding the score 3.0 content.</p>
Score 2.0	<p>The student</p> <p>Recognizes or recalls specific terminology:</p> <ul style="list-style-type: none"> • Equation, variables, area, perimeter, length, inequalities, addition, subtraction <p>Performs basic skills:</p> <ul style="list-style-type: none"> • Translate real-world problem situations into number sentences (equations and inequalities) involving addition, subtraction and multiplication using visual models, tables and graphs. (I) • Demonstrate how to determine the total length of all the sides (perimeter) of figures, such as rectangles. (S) • Translate real-world problem situations into number sentences equations involving addition and subtraction of one digit and two-digit numbers using physical and visual models and tables. (S) • Identify a given quantity to 7 and add 1 more to solve problems. (P)
Score 1.0	With help, I know some of 2.0 and 3.0
Score 0.0	Even with help, I am unable to understand.

Grade: 8 Topic: Polygons	
Included Standards: MA.912.G.2.In.a, MA.912.G.2.In.b, MA.912.G.2.In.c, MA.912.G.2.Su.a, MA.912.G.2.Su.e, MA.912.G.2.Su.f, MA.912.G.Pa.a, MA.912.G.2.Pa.b, MA.912.G.2.Pa.c	
Score 4.0	<p>In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.</p> <ul style="list-style-type: none"> •
Score 3.0	<p>Students will understand the relationships between lines and angles and be able to apply the relationships to determine the measure of angles.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> • Determine if polygons have all sides and angles equal (regular) or have sides or angles that are not equal (irregular) using physical and visual models. (I) • Use tools to measure angles including 45 and 90 degrees. (I) • Solve real-world problems to find area of a rectangle to identify total square units using visual models. (S) • Solve real-world problems involving perimeter using visual models. (S) • Match two or more objects with polygons based on a given feature in real-world situations. (P) • Identify objects with polygons in real-world situations. (P) • Identify pictures with polygons in real-world situations. (P) • Identify signs with polygons in real-world situations. (P) <p>The student exhibits no major errors or omissions regarding the score 3.0 content.</p>
Score 2.0	<p>Recognizes or recalls specific terminology:</p> <ul style="list-style-type: none"> • Polygon, angles, perimeter, area, congruent, similar <p>Performs basic skills:</p> <ul style="list-style-type: none"> • Identify triangles and rectangles that are the same shape and sizes (congruent) using physical and visual models. (I) • Identify triangles and rectangles that are the same shape, but not same size (similar) using physical and visual models. (I) • Identify polygons with all sides and angles equal (regular) in the environment. (S) • Identify objects with polygons. (P) • Identify pictures with polygons. (P)
Score 1.0	With help, I know some of 2.0 and 3.0
Score 0.0	Even with help, I am unable to understand.

Topic: Numbers and Operations

INCLUDED STANDARDS: MA.8.6.1, MA.8.6.2, MA.8.6.3, MA.8.6.4, MA.8.A.6.In.a , MA.8.A.6.In.b, MA.8.A.6.In.c, MA.8.A.6.In.d, MA.8.A.6.Su.a, MA.8.A.6.Su.b, MA.8.A.6.Su.c, MA.8.A.6.Su.d, MA.8.A.6.Pa.a, MA.8.A.6.Pa.b, MA.8.A.6.Pa.c

Grade: 8

4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.
3.0	<p>The student will be able to perform operations on rational numbers.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"><input type="checkbox"/> Use whole numbers to 1000 in various contexts (8I)<input type="checkbox"/> Use whole numbers to 100 in various contexts (8S)<input type="checkbox"/> Identify quantity in sets to 8 using objects, pictures, symbols or number names. (8P)<input type="checkbox"/> Use a grouping strategy or place value to round whole numbers to 1000 to the nearest ten or hundred to determine a reasonable estimate in problem situations, and check for accuracy.(8I)<input type="checkbox"/> Use counting, grouping and place value to identify the value of whole numbers to 100(8S)<input type="checkbox"/> Use fractions including halves, fourths, thirds, eighths, and sixths using whole objects or sets, number names, and numerals in various contexts.(8I),8(S)<input type="checkbox"/> Use percents including 25%, 50%, 75% and 100% and decimals in the context of money (8I) <p>The student exhibits no major errors or omissions regarding the score 3.0 content.</p>
2.0	<p>The student:</p> <p>Recognizes or recalls specific terminology: Scientific notation, approximations, square roots, mathematical expressions, estimate, radical expressions, exponents, whole number, place value, quantity, halves, fourths, thirds, eighths, and sixths, sets , percents, decimals</p> <p>Performs basic skills:</p> <ul style="list-style-type: none"><input type="checkbox"/> Express and/or represent whole numbers to 1000 in various contexts (8I)<input type="checkbox"/> Express and represent whole numbers to 100 in various contexts (8I)<input type="checkbox"/> Demonstrate one-to-one correspondence by counting objects or actions to 8 (8P)<input type="checkbox"/> Express and represent fractions including halves, fourths, thirds, eighths, and sixths, using whole objects or sets, number names, and numerals in various contexts. (8I),8(S)<input type="checkbox"/> Recognize half and whole sets of objects to 8 (8S), (8P)<input type="checkbox"/> Express, and represent percents including 25%, 50%, 75%, and 100% and decimals in the context of money. (8I)<input type="checkbox"/> Identify percents including 50% and 100% (8S) <p>No major errors or omissions regarding the score 2.0 content.</p>
1.0	With help, I know some of 2.0 and 3.0.
0.0	Even with help, I am unable to understand.

