

Topic: Multiplication and Division	
Included Standards: MA.4.A.1.1, MA.4.A.1.2, MA.4.A.1.In.a, MA.4.A.1.In.b, MA.4.A.1.Su.a, MA.4.A.1.Su.b, MA.4.A.1.Pa.a, MA.4.A.1.Pa.b	
Grade: 4th grade	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.
Score 3.0	<p>The student will be able to multiply and divide whole numbers.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Solve problems involving combining (multiplying) equal sets with quantities to 30 using objects and pictures with numerals. (4I) <input type="checkbox"/> Solve problems involving separating into (dividing) equal sets with quantities to 30 using objects and pictures with numerals. (4I) <input type="checkbox"/> Solve real-world addition problems with two-digit numbers to 30 without regrouping and check for accuracy. (4I) <input type="checkbox"/> Solve real-world subtraction problems with two-digit numbers to 30 without regrouping and check for accuracy. (4I) <input type="checkbox"/> Solve problems involving combining (multiplying) equal sets with quantities to 15 using objects and pictures. (4S) <input type="checkbox"/> Solve problems involving separating into (dividing) equal sets with quantities to 15 using objects and pictures. (4S) <input type="checkbox"/> Solve real-world problems involving addition facts with sums to 15 using numerals with sets of pictures and the +, -, and = signs. (4S) <input type="checkbox"/> Solve real-world problems involving subtraction facts with sums to 15 using numerals with sets of pictures and the +, -, and = signs. (4S) <input type="checkbox"/> Solve simple problems involving joining sets of objects to 4. (4P) <input type="checkbox"/> Solve simple problems involving separating sets of objects to 4. (4P) <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"> <input type="checkbox"/> join, separate, equal, add, sums, subtract, remove, combine, multiply <p>Performs basic skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Recognize when items have been added to sets of objects to 4. (4P) <input type="checkbox"/> Recognize when items have been removed from sets of objects to 4. (4P) <p>No major errors or omissions regarding the score 2.0 content.</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.

Included Standards: MA.4.A.2.1, MA.4.A.2.2, MA.4.A.2.3, MA.4.A.2.4, MA.4.A.2.In.b, MA.4.A.2.In.c, MA.4.A.Su.b, MA.4.A.2.Su.c, MA.4.A.2.Pa.b, MA.4.A.2.Pa.c, MA.4.A.6.In.c, MA.4.A.6.Su.d, MA.4.A.6.Pa.c	
Grade: 4th grade	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.
Score 3.0	<p>The student will understand the relationship between fractions, decimals and percent.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Express and represent fractions, including halves and fourths, as parts of a whole using objects, pictures, and number names. (4I) <input type="checkbox"/> Express and represent fractions, including halves and fourths, as parts of a set using objects, pictures, and number names. (4I) <input type="checkbox"/> Represent half and whole using area and sets of objects. (4S) <input type="checkbox"/> Distinguish parts of objects from whole objects (4P) <input type="checkbox"/> Recognize a half of an object as part of the whole object. (4P) <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"> <input type="checkbox"/> whole numbers, half, whole, fourths <p>Performs basic skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify relationship between halves, fourths, and a whole (4I) <input type="checkbox"/> Identify half as a part of a whole. (4S) <input type="checkbox"/> Match objects to marked spaces to show one-to-one correspondence or quantities 1 to 4. (4P) <input type="checkbox"/> Match part to whole objects. (4P) <p>No major errors or omissions regarding the score 2.0 content.</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: Place Value	
Included Standards: MA.4.A.6.1, MA.4.A.6.6, MA.4.A.2.In.a, MA.4.A.2.Su.a, MA.4.A.2.Pa.a	
Grade: 4th grade	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.
Score 3.0	<p>The student will understand place value and be able to represent numbers using place value.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Apply the concepts of counting, grouping and place value with whole numbers to create sets if tens and ones to identify the value of whole numbers to 50. (4I) <input type="checkbox"/> Apply the concept of grouping to create sets if tens and ones to 18 as a strategy for counting objects. (4S) <input type="checkbox"/> Match objects to marked spaces to show one-to-one correspondence or quantities 1 to 4. (4P) <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"> <input type="checkbox"/> Apply, counting, grouping, place value, whole numbers, identify, express, represent, match, distinguish, recognize <p>No major errors or omissions regarding the score 2.0 content.</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: Algebra	
Included Standards: MA.4.A.4.1, MA.4.A.4.2, MA.4.A.4.3, MA.4.A.4.In.a, MA.4.A.4.In.b, MA.4.A.In.c, MA.4.A.4.Su.a, MA.4.A.4.Su.b, MA.4.A.4.Su.c, MA.4.A.4.Pa.a, MA.4.A.4.Pa.b, MA.4.A.4.Pa.c	
Grade: 4th grade	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.
Score 3.0	<p>The student will be able to generate algebraic rules to describe patterns.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify and extend growing visual and number patterns using strategies, such as skip counting. (4I) <input type="checkbox"/> Describe equal and unequal sets using terms including greater than, less than, and equal to. (4I) <input type="checkbox"/> Identify the rule, including 1 less, 2 less, and 3 less, represented in numbers pairs. (4I) <input type="checkbox"/> Identify and copy two-element repeating visual patterns using objects and pictures. (4S) <input type="checkbox"/> Determine if the number in two sets of objects to 10 are same or different (equal or unequal) (4S) <input type="checkbox"/> Indicate the next step in a pattern or sequence of activities. (4P) <input type="checkbox"/> Use one-to-one correspondence to compare sets of objects to 4 and determine if they are the same or different (equal or unequal). (4P) <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"> <input type="checkbox"/> Pattern, equal, unequal, equal, unequal, greater than, less than, equal to, same, different, skip count <p>Performs basic skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Use the rule, 1 more, to identify the next number with numbers 1 to 20. (4S) <input type="checkbox"/> Recognize the quantity of a set of objects to 3 and add 1 more. (4P) <p>No major errors or omissions regarding the score 2.0 content.</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: Area	
Included Standards: MA.4.G.3.1, MA.4.G.3.2, MA.4.G.3.3, MA.4.G.3.In.a, MA.4.G.In.b, MA.4.G.In.c, MA.4.G.Su.a., MA.4.G.Su.b, MA.4.G.Su.c, MA.4.G.Pa.a, MA.4.G.Pa.b	
Grade: 4th Grade	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.
Score 3.0	<p>The student will understand the concept of area and be able to determine the area of regular and irregular shapes.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify examples of the distance around all sides (perimeter) of squares and rectangles in the environment. (4I) <input type="checkbox"/> Identify examples of the area of squares and rectangles in the environment. (4I) <input type="checkbox"/> Find the length of the sides and the area of rectangular and square objects using square units. (4I) <input type="checkbox"/> Measure whole inches and feet using a ruler to solve real-world linear measurement problems. (4I) <input type="checkbox"/> Identify examples of the concept of area in the environment. (4S) <input type="checkbox"/> Count the number of square units of a rectangle marked with a grid to determine its area. (4S) <input type="checkbox"/> Recognize differences in the length of the sides of rectangles. (4P) <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"> <input type="checkbox"/> perimeter, distance, length, area, measure, square units, inches, sides <p>Performs basic skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Measure the length of sides of rectangles using whole inches (4S) <input type="checkbox"/> Identify the sides of a square or rectangle (4P) <p>No major errors or omissions regarding the score 2.0 content.</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: Geometry (2-Dimensional and 3-Dimensional Figures)	
Included Standards: MA.4.G.5.3, MA.4.G.5.In.b, MA.4.G.5.In.c, MA.4.G.5.Su.c, MA.4.G.5.Pa.b, MA.4.G.5.Pa.c	
Grade: 4th grade	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.
Score 3.0	<p>The student will understand the relationship between a three-dimensional and two-dimensional figures.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify examples of two-dimensional figures that are the same shape and size (congruency) and figures that are visually the same on both sides of a central dividing line (symmetry) in the environment. (4I) <input type="checkbox"/> Locate angles in two-dimensional shapes, including triangles and rectangles. (4I) <input type="checkbox"/> Identify two-dimensional figures that are visually the same on both sides of a central dividing line (symmetry). (4S) <input type="checkbox"/> Recognize the two sides of a two-dimensional figure created by a central dividing line (symmetry). (4P) <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"> <input type="checkbox"/> same size, congruent, symmetry, cone, cube, cylinder, rectangular prism, sphere, two-dimensional, three-dimensional, triangle, rectangle <p>Performs basic skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sort three-dimensional objects, such as cubes, cylinders, cones, rectangular prisms, and spheres. (4I) <input type="checkbox"/> Match three-dimensional objects, with models, such as a cube, cylinder, cone, and sphere. (4S) <input type="checkbox"/> Recognize three-dimensional objects, such as ball (sphere), block (cube), or tube (cylinder). (4P) <p>No major errors or omissions regarding the score 2.0 content.</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: Geometry (Angles)	
Included Standards: MA.4.G.5.1, MA.4.G.5.In.a, MA.4.G.5.Su.a, MA.4.G.5.Pa.a	
Grade: 4th grade	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.
Score 3.0	<p>The student will understand the classification of angles.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Locate angles in two-dimensional shapes, including triangles and rectangles. (4I) <input type="checkbox"/> Locate angles within a triangle.(4S) <input type="checkbox"/> Recognize corners (angles) in common objects with two-dimensional shapes, such as a square or rectangle. (4P) <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"> <input type="checkbox"/> angles, corners, triangle, rectangle <p>No major errors or omissions regarding the score 2.0 content.</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		(On-Going)
Included Standards: MA.4.A.6.1, MA.4.A.6.2, MA.4.A.6.3, MA.4.A.6.4, MA.4.A.6.5, MA.4.A.6.6, MA.4.A.6.In.a, MA.4.A.6.In.b, MA.4.A.6.In.d, MA.4.A.6.In.e, MA.4.A.6.Su.a, MA.4.A.6.Su.b, MA.4.A.6.Su.c, MA.4.A.6.Su.e, MA.4.A.6.Su.f, MA.4.A.6.Pa.a, MA.4.A.6.Pa.b,		
Grade: 4th grade		
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.	
Score 3.0	<p>The student will be able to use various strategies to solve non-routine problems.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Express, represent, and use whole numbers to 50 in various contexts (4I) <input type="checkbox"/> Use the inverse relationship of addition and subtraction as a strategy to solve problems. (4I) <input type="checkbox"/> Use skip counting by 5s and 10s to determine amounts to 50. (4I) <input type="checkbox"/> Use strategies such as comparing and grouping to estimate quantities to 20. (4I) <input type="checkbox"/> Express, represent, and use whole numbers to 25 using sets of objects and pictures, number names, and numerals in various contexts. (4S) <input type="checkbox"/> Use ordinal numbers, including first and second, in real-world situations. (4S) <input type="checkbox"/> Use objects and pictures to represent the relationship between addition with sums to 15 and related subtraction facts. (4S) <input type="checkbox"/> Separate quantities to 25 into equal sets and identify the total number of sets and the number in each set. (4S) <input type="checkbox"/> Use strategies such as comparing and grouping to estimate quantities to 10. (4S) <input type="checkbox"/> Use quantities to 4 represented by objects, pictures, or number names in various contexts. (4P) <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"> <input type="checkbox"/> inverse, addition, subtraction, comparing, grouping, half, whole, equal sets, estimate, separate, ordinal numbers <p>No major errors or omissions regarding the score 2.0 content.</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.	