

Assessment Name: MorganHill_Math_Grade5_B1_1112
Subject Name: Mathematics
Grade(s)/Course(s): Grade 5
Total Number of Items 44

STANDARDS	
1.2 - Algebra and Functions	4
1.2 - Number Sense	4
1.3 - Measurement and Geometry	4
1.4 - Algebra and Functions	4
1.4 - Number Sense	4
1.5 - Algebra and Functions	4
2.1 - Measurement and Geometry	4
2.1 - Number Sense	4
2.2 - Measurement and Geometry	4
2.2 - Number Sense	4
2.3 - Number Sense	4
BLOOM'S TAXONOMY	
Evaluation	0
Synthesis	0
Analysis	4
Application	12
Comprehension	20
Knowledge	8
Conceptual Understanding	0
N/A	0
DIFFICULTY LEVEL	
Low	8
Medium	34
High	2
N/A	0

#	Standard	Difficulty Level				Bloom's Taxonomy							
		Low	Medium	High	N/A	Evaluation	Synthesis	Analysis	Application	Comprehension	Knowledge	Conceptual Understanding	N/A
1	1.2 - Number Sense		Medium						Application				
2	1.2 - Number Sense		Medium							Comprehension			
3	1.2 - Number Sense		Medium						Application				
4	1.2 - Number Sense	Low								Comprehension			
5	1.4 - Number Sense		Medium							Comprehension			
6	1.4 - Number Sense		Medium							Comprehension			
7	1.4 - Number Sense		Medium							Comprehension			
8	1.4 - Number Sense	Low									Knowledge		
9	2.1 - Number Sense		Medium							Comprehension			
10	2.1 - Number Sense		Medium							Comprehension			
11	2.1 - Number Sense	Low								Comprehension			
12	2.1 - Number Sense		Medium							Comprehension			
13	2.2 - Number Sense		Medium						Application				
14	2.2 - Number Sense	Low									Knowledge		
15	2.2 - Number Sense		Medium							Comprehension			
16	2.2 - Number Sense		Medium					Analysis					
17	2.3 - Number Sense		Medium								Knowledge		
18	2.3 - Number Sense		Medium						Application				
19	2.3 - Number Sense			High							Knowledge		
20	2.3 - Number Sense		Medium							Comprehension			
21	1.2 - Algebra and Functions		Medium					Analysis					
22	1.2 - Algebra and Functions		Medium							Comprehension			
23	1.2 - Algebra and Functions		Medium							Comprehension			
24	1.2 - Algebra and Functions		Medium							Comprehension			
25	1.4 - Algebra and Functions		Medium					Analysis					
26	1.4 - Algebra and Functions	Low									Knowledge		
27	1.4 - Algebra and Functions		Medium								Knowledge		
28	1.4 - Algebra and Functions		Medium							Comprehension			
29	1.5 - Algebra and Functions		Medium						Application				
30	1.5 - Algebra and Functions		Medium					Analysis					
31	1.5 - Algebra and Functions		Medium						Application				
32	1.5 - Algebra and Functions		Medium						Application				
33	1.3 - Measurement and Geometry		Medium							Comprehension			

#	Standard	Difficulty Level				Bloom's Taxonomy							
		Low	Medium	High	N/A	Evaluation	Synthesis	Analysis	Application	Comprehension	Knowledge	Conceptual Understanding	N/A
34	1.3 - Measurement and Geometry		Medium							Comprehension			
35	1.3 - Measurement and Geometry		Medium						Application				
36	1.3 - Measurement and Geometry			High					Application				
37	2.1 - Measurement and Geometry		Medium						Application				
38	2.1 - Measurement and Geometry		Medium							Comprehension			
39	2.1 - Measurement and Geometry	Low									Knowledge		
40	2.1 - Measurement and Geometry	Low									Knowledge		
41	2.2 - Measurement and Geometry		Medium							Comprehension			
42	2.2 - Measurement and Geometry	Low							Application				
43	2.2 - Measurement and Geometry		Medium							Comprehension			
44	2.2 - Measurement and Geometry		Medium						Application				
Total		8	34	2	0	0	0	4	12	20	8	0	0

MorganHill_Math_Grade5_B1_1112

Item #	Correct Answer	Standard
1	D	5 - 1.2 - Number Sense - Interpret percents as a part of a hundred; find decimal and percent equivalents for common fractions and explain why they represent the same value; compute a given percent of a whole number.
2	B	5 - 1.2 - Number Sense - Interpret percents as a part of a hundred; find decimal and percent equivalents for common fractions and explain why they represent the same value; compute a given percent of a whole number.
3	D	5 - 1.2 - Number Sense - Interpret percents as a part of a hundred; find decimal and percent equivalents for common fractions and explain why they represent the same value; compute a given percent of a whole number.
4	B	5 - 1.2 - Number Sense - Interpret percents as a part of a hundred; find decimal and percent equivalents for common fractions and explain why they represent the same value; compute a given percent of a whole number.
5	D	5 - 1.4 - Number Sense - Determine the prime factors of all numbers through 50 and write the numbers as the product of their prime factors by using exponents to show multiples of a factor (e.g., $24 = 2 \times 2 \times 2 \times 3 = 2^3 \times 3$).
6	D	5 - 1.4 - Number Sense - Determine the prime factors of all numbers through 50 and write the numbers as the product of their prime factors by using exponents to show multiples of a factor (e.g., $24 = 2 \times 2 \times 2 \times 3 = 2^3 \times 3$).
7	C	5 - 1.4 - Number Sense - Determine the prime factors of all numbers through 50 and write the numbers as the product of their prime factors by using exponents to show multiples of a factor (e.g., $24 = 2 \times 2 \times 2 \times 3 = 2^3 \times 3$).
8	A	5 - 1.4 - Number Sense - Determine the prime factors of all numbers through 50 and write the numbers as the product of their prime factors by using exponents to show multiples of a factor (e.g., $24 = 2 \times 2 \times 2 \times 3 = 2^3 \times 3$).
9	B	5 - 2.1 - Number Sense - Add, subtract, multiply, and divide with decimals; add with negative integers; subtract positive integers from negative integers; and verify the reasonableness of the results.
10	A	5 - 2.1 - Number Sense - Add, subtract, multiply, and divide with decimals; add with negative integers; subtract positive integers from negative integers; and verify the reasonableness of the results.
11	C	5 - 2.1 - Number Sense - Add, subtract, multiply, and divide with decimals; add with negative integers; subtract positive integers from negative integers; and verify the reasonableness of the results.
12	C	5 - 2.1 - Number Sense - Add, subtract, multiply, and divide with decimals; add with negative integers; subtract positive integers from negative integers; and verify the reasonableness of the results.
13	C	5 - 2.2 - Number Sense - Demonstrate proficiency with division, including division with positive decimals and long division with multidigit divisors.
14	A	5 - 2.2 - Number Sense - Demonstrate proficiency with division, including division with positive decimals and long division with multidigit divisors.
15	A	5 - 2.2 - Number Sense - Demonstrate proficiency with division, including division with positive decimals and long division with multidigit divisors.
16	C	5 - 2.2 - Number Sense - Demonstrate proficiency with division, including division with positive decimals and long division with multidigit divisors.
17	C	5 - 2.3 - Number Sense - Solve simple problems, including ones arising in concrete situations, involving the addition and subtraction of fractions and mixed numbers (like and unlike denominators of 20 or less), and express answers in the simplest form.
18	B	5 - 2.3 - Number Sense - Solve simple problems, including ones arising in concrete situations, involving the addition and subtraction of fractions and mixed numbers (like and unlike denominators of 20 or less), and express answers in the simplest form.
19	A	5 - 2.3 - Number Sense - Solve simple problems, including ones arising in concrete situations, involving the addition and subtraction of fractions and mixed numbers (like and unlike denominators of 20 or less), and express answers in the simplest form.
20	A	5 - 2.3 - Number Sense - Solve simple problems, including ones arising in concrete situations, involving the addition and subtraction of fractions and mixed numbers (like and unlike denominators of 20 or less), and express answers in the simplest form.
21	A	5 - 1.2 - Algebra and Functions - Use a letter to represent an unknown number; write and evaluate simple algebraic expressions in one variable by substitution.
22	B	5 - 1.2 - Algebra and Functions - Use a letter to represent an unknown number; write and evaluate simple algebraic expressions in one variable by substitution.

MorganHill_Math_Grade5_B1_1112

Item #	Correct Answer	Standard
23	B	5 - 1.2 - Algebra and Functions - Use a letter to represent an unknown number; write and evaluate simple algebraic expressions in one variable by substitution.
24	C	5 - 1.2 - Algebra and Functions - Use a letter to represent an unknown number; write and evaluate simple algebraic expressions in one variable by substitution.
25	B	5 - 1.4 - Algebra and Functions - Identify and graph ordered pairs in the four quadrants of the coordinate plane.
26	B	5 - 1.4 - Algebra and Functions - Identify and graph ordered pairs in the four quadrants of the coordinate plane.
27	B	5 - 1.4 - Algebra and Functions - Identify and graph ordered pairs in the four quadrants of the coordinate plane.
28	C	5 - 1.4 - Algebra and Functions - Identify and graph ordered pairs in the four quadrants of the coordinate plane.
29	A	5 - 1.5 - Algebra and Functions - Solve problems involving linear functions with integer values; write the equation; and graph the resulting ordered pairs of integers on a grid.
30	C	5 - 1.5 - Algebra and Functions - Solve problems involving linear functions with integer values; write the equation; and graph the resulting ordered pairs of integers on a grid.
31	A	5 - 1.5 - Algebra and Functions - Solve problems involving linear functions with integer values; write the equation; and graph the resulting ordered pairs of integers on a grid.
32	B	5 - 1.5 - Algebra and Functions - Solve problems involving linear functions with integer values; write the equation; and graph the resulting ordered pairs of integers on a grid.
33	C	5 - 1.3 - Measurement and Geometry - Understand the concept of volume and use the appropriate units in common measuring systems (i.e., cubic centimeter [cm ³], cubic meter [m ³], cubic inch [in ³], cubic yard [yd ³]) to compute the volume of rectangular solids.
34	D	5 - 1.3 - Measurement and Geometry - Understand the concept of volume and use the appropriate units in common measuring systems (i.e., cubic centimeter [cm ³], cubic meter [m ³], cubic inch [in ³], cubic yard [yd ³]) to compute the volume of rectangular solids.
35	D	5 - 1.3 - Measurement and Geometry - Understand the concept of volume and use the appropriate units in common measuring systems (i.e., cubic centimeter [cm ³], cubic meter [m ³], cubic inch [in ³], cubic yard [yd ³]) to compute the volume of rectangular solids.
36	D	5 - 1.3 - Measurement and Geometry - Understand the concept of volume and use the appropriate units in common measuring systems (i.e., cubic centimeter [cm ³], cubic meter [m ³], cubic inch [in ³], cubic yard [yd ³]) to compute the volume of rectangular solids.
37	C	5 - 2.1 - Measurement and Geometry - Measure, identify, and draw angles, perpendicular and parallel lines, rectangles, and triangles by using appropriate tools (e.g., straightedge, ruler, compass, protractor, drawing software).
38	C	5 - 2.1 - Measurement and Geometry - Measure, identify, and draw angles, perpendicular and parallel lines, rectangles, and triangles by using appropriate tools (e.g., straightedge, ruler, compass, protractor, drawing software).
39	A	5 - 2.1 - Measurement and Geometry - Measure, identify, and draw angles, perpendicular and parallel lines, rectangles, and triangles by using appropriate tools (e.g., straightedge, ruler, compass, protractor, drawing software).
40	A	5 - 2.1 - Measurement and Geometry - Measure, identify, and draw angles, perpendicular and parallel lines, rectangles, and triangles by using appropriate tools (e.g., straightedge, ruler, compass, protractor, drawing software).
41	B	5 - 2.2 - Measurement and Geometry - Know that the sum of the angles of any triangle is 180° and the sum of the angles of any quadrilateral is 360° and use this information to solve problems.
42	C	5 - 2.2 - Measurement and Geometry - Know that the sum of the angles of any triangle is 180° and the sum of the angles of any quadrilateral is 360° and use this information to solve problems.
43	C	5 - 2.2 - Measurement and Geometry - Know that the sum of the angles of any triangle is 180° and the sum of the angles of any quadrilateral is 360° and use this information to solve problems.

MorganHill_Math_Grade5_B1_1112

Item #	Correct Answer	Standard
44	C	5 - 2.2 - Measurement and Geometry - Know that the sum of the angles of any triangle is 180° and the sum of the angles of any quadrilateral is 360° and use this information to solve problems.