

Assessment Name: MorganHill_Math_Grade6_B1_1112
Subject Name: Mathematics
Grade(s)/Course(s): Grade 6
Total Number of Items 48

STANDARDS	
1.1 - Algebra and Functions	4
1.1 - Measurement and Geometry	4
1.1 - Number Sense	4
1.3 - Number Sense	4
1.4 - Number Sense	4
2.2 - Algebra and Functions	4
2.2 - Measurement and Geometry	4
2.2 - Statistics, Data Analysis, and Probability	4
2.3 - Number Sense	4
2.4 - Number Sense	4
3.1 - Statistics, Data Analysis, and Probability	4
3.3 - Statistics, Data Analysis, and Probability	4
BLOOM'S TAXONOMY	
Evaluation	0
Synthesis	0
Analysis	4
Application	15
Comprehension	21
Knowledge	8
Conceptual Understanding	0
N/A	0
DIFFICULTY LEVEL	
Low	11
Medium	34
High	3
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	1.1 - Number Sense		Medium					Analysis					
2	1.1 - Number Sense		Medium								Knowledge		
3	1.1 - Number Sense		Medium							Comprehension			
4	1.1 - Number Sense			High						Comprehension			
5	1.3 - Number Sense		Medium							Comprehension			
6	1.3 - Number Sense		Medium						Application				
7	1.3 - Number Sense			High							Knowledge		
8	1.3 - Number Sense		Medium							Comprehension			
9	1.4 - Number Sense		Medium							Comprehension			
10	1.4 - Number Sense		Medium						Application				
11	1.4 - Number Sense		Medium								Knowledge		
12	1.4 - Number Sense	Low								Comprehension			
13	2.3 - Number Sense		Medium					Analysis					
14	2.3 - Number Sense		Medium							Comprehension			
15	2.3 - Number Sense	Low									Knowledge		
16	2.3 - Number Sense		Medium							Comprehension			
17	2.4 - Number Sense	Low								Comprehension			
18	2.4 - Number Sense			High						Comprehension			
19	2.4 - Number Sense		Medium						Application				
20	2.4 - Number Sense		Medium							Comprehension			
21	1.1 - Algebra and Functions		Medium						Application				
22	1.1 - Algebra and Functions		Medium								Knowledge		
23	1.1 - Algebra and Functions	Low							Application				
24	1.1 - Algebra and Functions		Medium					Analysis					
25	2.2 - Algebra and Functions		Medium						Application				
26	2.2 - Algebra and Functions	Low								Comprehension			
27	2.2 - Algebra and Functions	Low								Comprehension			
28	2.2 - Algebra and Functions		Medium							Comprehension			
29	1.1 - Measurement and Geometry		Medium								Knowledge		
30	1.1 - Measurement and Geometry		Medium						Application				
31	1.1 - Measurement and Geometry		Medium						Application				
32	1.1 - Measurement and Geometry		Medium						Application				
33	2.2 - Measurement and Geometry		Medium						Application				

#	Standard	Difficulty Level				Bloom's Taxonomy							
		Low	Medium	High	N/A	Evaluation	Synthesis	Analysis	Application	Comprehension	Knowledge	Conceptual Understanding	N/A
34	2.2 - Measurement and Geometry		Medium							Comprehension			
35	2.2 - Measurement and Geometry		Medium						Application				
36	2.2 - Measurement and Geometry		Medium							Comprehension			
37	2.2 - Statistics, Data Analysis, and Probability		Medium							Comprehension			
38	2.2 - Statistics, Data Analysis, and Probability	Low							Application				
39	2.2 - Statistics, Data Analysis, and Probability		Medium					Analysis					
40	2.2 - Statistics, Data Analysis, and Probability	Low									Knowledge		
41	3.1 - Statistics, Data Analysis, and Probability		Medium							Comprehension			
42	3.1 - Statistics, Data Analysis, and Probability		Medium							Comprehension			
43	3.1 - Statistics, Data Analysis, and Probability	Low							Application				
44	3.1 - Statistics, Data Analysis, and Probability		Medium						Application				
45	3.3 - Statistics, Data Analysis, and Probability	Low									Knowledge		
46	3.3 - Statistics, Data Analysis, and Probability	Low							Application				
47	3.3 - Statistics, Data Analysis, and Probability		Medium							Comprehension			
48	3.3 - Statistics, Data Analysis, and Probability		Medium							Comprehension			
Total		11	34	3	0	0	0	4	15	21	8	0	0

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Item #	Correct Answer	Standard
1	C	6 - 1.1 - Number Sense - Compare and order positive and negative fractions, decimals, and mixed numbers and place them on a number line.
2	D	6 - 1.1 - Number Sense - Compare and order positive and negative fractions, decimals, and mixed numbers and place them on a number line.
3	A	6 - 1.1 - Number Sense - Compare and order positive and negative fractions, decimals, and mixed numbers and place them on a number line.
4	D	6 - 1.1 - Number Sense - Compare and order positive and negative fractions, decimals, and mixed numbers and place them on a number line.
5	C	6 - 1.3 - Number Sense - Use proportions to solve problems (e.g., determine the value of N if $\frac{4}{7} = \frac{N}{21}$, find the length of a side of a polygon similar to a known polygon). Use cross-multiplication as a method for solving such problems, understanding it as the multiplication of both sides of an equation by a multiplicative inverse.
6	A	6 - 1.3 - Number Sense - Use proportions to solve problems (e.g., determine the value of N if $\frac{4}{7} = \frac{N}{21}$, find the length of a side of a polygon similar to a known polygon). Use cross-multiplication as a method for solving such problems, understanding it as the multiplication of both sides of an equation by a multiplicative inverse.
7	B	6 - 1.3 - Number Sense - Use proportions to solve problems (e.g., determine the value of N if $\frac{4}{7} = \frac{N}{21}$, find the length of a side of a polygon similar to a known polygon). Use cross-multiplication as a method for solving such problems, understanding it as the multiplication of both sides of an equation by a multiplicative inverse.
8	C	6 - 1.3 - Number Sense - Use proportions to solve problems (e.g., determine the value of N if $\frac{4}{7} = \frac{N}{21}$, find the length of a side of a polygon similar to a known polygon). Use cross-multiplication as a method for solving such problems, understanding it as the multiplication of both sides of an equation by a multiplicative inverse.
9	B	6 - 1.4 - Number Sense - Calculate given percentages of quantities and solve problems involving discounts at sales, interest earned, and tips.
10	A	6 - 1.4 - Number Sense - Calculate given percentages of quantities and solve problems involving discounts at sales, interest earned, and tips.
11	B	6 - 1.4 - Number Sense - Calculate given percentages of quantities and solve problems involving discounts at sales, interest earned, and tips.
12	B	6 - 1.4 - Number Sense - Calculate given percentages of quantities and solve problems involving discounts at sales, interest earned, and tips.
13	D	6 - 2.3 - Number Sense - Solve addition, subtraction, multiplication, and division problems, including those arising in concrete situations, that use positive and negative integers and combinations of these operations.
14	C	6 - 2.3 - Number Sense - Solve addition, subtraction, multiplication, and division problems, including those arising in concrete situations, that use positive and negative integers and combinations of these operations.
15	D	6 - 2.3 - Number Sense - Solve addition, subtraction, multiplication, and division problems, including those arising in concrete situations, that use positive and negative integers and combinations of these operations.
16	C	6 - 2.3 - Number Sense - Solve addition, subtraction, multiplication, and division problems, including those arising in concrete situations, that use positive and negative integers and combinations of these operations.
17	A	6 - 2.4 - Number Sense - Determine the least common multiple and the greatest common divisor of whole numbers; use them to solve problems with fractions (e.g., to find a common denominator to add two fractions or to find the reduced form for a fraction).
18	B	6 - 2.4 - Number Sense - Determine the least common multiple and the greatest common divisor of whole numbers; use them to solve problems with fractions (e.g., to find a common denominator to add two fractions or to find the reduced form for a fraction).
19	C	6 - 2.4 - Number Sense - Determine the least common multiple and the greatest common divisor of whole numbers; use them to solve problems with fractions (e.g., to find a common denominator to add two fractions or to find the reduced form for a fraction).
20	C	6 - 2.4 - Number Sense - Determine the least common multiple and the greatest common divisor of whole numbers; use them to solve problems with fractions (e.g., to find a common denominator to add two fractions or to find the reduced form for a fraction).
21	A	6 - 1.1 - Algebra and Functions - Write and solve one-step linear equations in one variable.

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Item #	Correct Answer	Standard
22	C	6 - 1.1 - Algebra and Functions - Write and solve one-step linear equations in one variable.
23	D	6 - 1.1 - Algebra and Functions - Write and solve one-step linear equations in one variable.
24	A	6 - 1.1 - Algebra and Functions - Write and solve one-step linear equations in one variable.
25	C	6 - 2.2 - Algebra and Functions - Demonstrate an understanding that rate is a measure of one quantity per unit value of another quantity.
26	A	6 - 2.2 - Algebra and Functions - Demonstrate an understanding that rate is a measure of one quantity per unit value of another quantity.
27	C	6 - 2.2 - Algebra and Functions - Demonstrate an understanding that rate is a measure of one quantity per unit value of another quantity.
28	B	6 - 2.2 - Algebra and Functions - Demonstrate an understanding that rate is a measure of one quantity per unit value of another quantity.
29	B	6 - 1.1 - Measurement and Geometry - Understand the concept of a constant such as pi; know the formulas for the circumference and area of a circle.
30	B	6 - 1.1 - Measurement and Geometry - Understand the concept of a constant such as pi; know the formulas for the circumference and area of a circle.
31	C	6 - 1.1 - Measurement and Geometry - Understand the concept of a constant such as pi; know the formulas for the circumference and area of a circle.
32	C	6 - 1.1 - Measurement and Geometry - Understand the concept of a constant such as pi; know the formulas for the circumference and area of a circle.
33	B	6 - 2.2 - Measurement and Geometry - Use the properties of complementary and supplementary angles and the sum of the angles of a triangle to solve problems involving an unknown angle.
34	D	6 - 2.2 - Measurement and Geometry - Use the properties of complementary and supplementary angles and the sum of the angles of a triangle to solve problems involving an unknown angle.
35	B	6 - 2.2 - Measurement and Geometry - Use the properties of complementary and supplementary angles and the sum of the angles of a triangle to solve problems involving an unknown angle.
36	D	6 - 2.2 - Measurement and Geometry - Use the properties of complementary and supplementary angles and the sum of the angles of a triangle to solve problems involving an unknown angle.
37	B	6 - 2.2 - Statistics, Data Analysis, and Probability - Identify different ways of selecting a sample (e.g., convenience sampling, responses to a survey, random sampling) and which method makes a sample more representative for a population.
38	D	6 - 2.2 - Statistics, Data Analysis, and Probability - Identify different ways of selecting a sample (e.g., convenience sampling, responses to a survey, random sampling) and which method makes a sample more representative for a population.
39	B	6 - 2.2 - Statistics, Data Analysis, and Probability - Identify different ways of selecting a sample (e.g., convenience sampling, responses to a survey, random sampling) and which method makes a sample more representative for a population.
40	D	6 - 2.2 - Statistics, Data Analysis, and Probability - Identify different ways of selecting a sample (e.g., convenience sampling, responses to a survey, random sampling) and which method makes a sample more representative for a population.
41	B	6 - 3.1 - Statistics, Data Analysis, and Probability - Represent all possible outcomes for compound events in an organized way (e.g., tables, grids, tree diagrams) and express the theoretical probability of each outcome.
42	C	6 - 3.1 - Statistics, Data Analysis, and Probability - Represent all possible outcomes for compound events in an organized way (e.g., tables, grids, tree diagrams) and express the theoretical probability of each outcome.
43	A	6 - 3.1 - Statistics, Data Analysis, and Probability - Represent all possible outcomes for compound events in an organized way (e.g., tables, grids, tree diagrams) and express the theoretical probability of each outcome.
44	C	6 - 3.1 - Statistics, Data Analysis, and Probability - Represent all possible outcomes for compound events in an organized way (e.g., tables, grids, tree diagrams) and express the theoretical probability of each outcome.

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Item #	Correct Answer	Standard
45	B	6 - 3.3 - Statistics, Data Analysis, and Probability - Represent probabilities as ratios, proportions, decimals between 0 and 1, and percentages between 0 and 100 and verify that the probabilities computed are reasonable; know that if P is the probability of an event, $1 - P$ is the probability of an event not occurring.
46	B	6 - 3.3 - Statistics, Data Analysis, and Probability - Represent probabilities as ratios, proportions, decimals between 0 and 1, and percentages between 0 and 100 and verify that the probabilities computed are reasonable; know that if P is the probability of an event, $1 - P$ is the probability of an event not occurring.
47	D	6 - 3.3 - Statistics, Data Analysis, and Probability - Represent probabilities as ratios, proportions, decimals between 0 and 1, and percentages between 0 and 100 and verify that the probabilities computed are reasonable; know that if P is the probability of an event, $1 - P$ is the probability of an event not occurring.
48	D	6 - 3.3 - Statistics, Data Analysis, and Probability - Represent probabilities as ratios, proportions, decimals between 0 and 1, and percentages between 0 and 100 and verify that the probabilities computed are reasonable; know that if P is the probability of an event, $1 - P$ is the probability of an event not occurring.