

Assessment Name: MorganHill_Math_Algebra1_B1_1112
Subject Name: Mathematics
Grade(s)/Course(s): Algebra I
Total Number of Items 56

STANDARDS	
10.0 - Algebra I	4
12.0 - Algebra I	4
13.0 - Algebra I	4
14.0 - Algebra I	4
15.0 - Algebra I	4
2.0 - Algebra I	4
20.0 - Algebra I	4
22.0 - Algebra I	4
23.0 - Algebra I	4
4.0 - Algebra I	4
5.0 - Algebra I	4
6.0 - Algebra I	4
7.0 - Algebra I	4
9.0 - Algebra I	4
BLOOM'S TAXONOMY	
Evaluation	0
Synthesis	1
Analysis	1
Application	25
Comprehension	18
Knowledge	11
Conceptual Understanding	0
N/A	0
DIFFICULTY LEVEL	
Low	10
Medium	35
High	11
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	2.0 - Algebra I			High					Application				
2	2.0 - Algebra I		Medium						Application				
3	2.0 - Algebra I	Low									Knowledge		
4	2.0 - Algebra I		Medium						Application				
5	4.0 - Algebra I	Low							Application				
6	4.0 - Algebra I		Medium								Knowledge		
7	4.0 - Algebra I	Low									Knowledge		
8	4.0 - Algebra I		Medium								Knowledge		
9	5.0 - Algebra I		Medium							Comprehension			
10	5.0 - Algebra I		Medium						Application				
11	5.0 - Algebra I		Medium						Application				
12	5.0 - Algebra I			High					Application				
13	6.0 - Algebra I		Medium							Comprehension			
14	6.0 - Algebra I		Medium						Application				
15	6.0 - Algebra I	Low								Comprehension			
16	6.0 - Algebra I	Low							Application				
17	7.0 - Algebra I	Low									Knowledge		
18	7.0 - Algebra I		Medium						Application				
19	7.0 - Algebra I		Medium						Application				
20	7.0 - Algebra I			High			Synthesis						
21	9.0 - Algebra I		Medium						Application				
22	9.0 - Algebra I		Medium						Application				
23	9.0 - Algebra I		Medium						Application				
24	9.0 - Algebra I			High							Knowledge		
25	10.0 - Algebra I	Low							Application				
26	10.0 - Algebra I		Medium						Application				
27	10.0 - Algebra I	Low							Application				
28	10.0 - Algebra I		Medium								Knowledge		
29	12.0 - Algebra I			High						Comprehension			
30	12.0 - Algebra I		Medium					Analysis					
31	12.0 - Algebra I		Medium							Comprehension			
32	12.0 - Algebra I			High					Application				
33	13.0 - Algebra I		Medium							Comprehension			
34	13.0 - Algebra I		Medium						Application				
35	13.0 - Algebra I		Medium						Application				
36	13.0 - Algebra I		Medium						Application				
37	14.0 - Algebra I		Medium								Knowledge		
38	14.0 - Algebra I		Medium							Comprehension			

#	Standard	Difficulty Level				Bloom's Taxonomy							
		Low	Medium	High	N/A	Evaluation	Synthesis	Analysis	Application	Comprehension	Knowledge	Conceptual Understanding	N/A
39	14.0 - Algebra I	Low									Knowledge		
40	14.0 - Algebra I			High					Application				
41	15.0 - Algebra I		Medium						Application				
42	15.0 - Algebra I			High					Application				
43	15.0 - Algebra I		Medium								Knowledge		
44	15.0 - Algebra I			High						Comprehension			
45	20.0 - Algebra I		Medium							Comprehension			
46	20.0 - Algebra I		Medium							Comprehension			
47	20.0 - Algebra I		Medium							Comprehension			
48	20.0 - Algebra I		Medium							Comprehension			
49	22.0 - Algebra I		Medium							Comprehension			
50	22.0 - Algebra I		Medium							Comprehension			
51	22.0 - Algebra I		Medium							Comprehension			
52	22.0 - Algebra I			High						Comprehension			
53	23.0 - Algebra I		Medium							Comprehension			
54	23.0 - Algebra I		Medium						Application				
55	23.0 - Algebra I	Low								Comprehension			
56	23.0 - Algebra I			High							Knowledge		
Total		10	35	11	0	0	1	1	25	18	11	0	0

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Item #	Correct Answer	Standard
1	D	Algebra I - 2.0 - Algebra I - Students understand and use such operations as taking the opposite, finding the reciprocal, taking a root, and raising to a fractional power. They understand and use the rules of exponents.
2	D	Algebra I - 2.0 - Algebra I - Students understand and use such operations as taking the opposite, finding the reciprocal, taking a root, and raising to a fractional power. They understand and use the rules of exponents.
3	C	Algebra I - 2.0 - Algebra I - Students understand and use such operations as taking the opposite, finding the reciprocal, taking a root, and raising to a fractional power. They understand and use the rules of exponents.
4	A	Algebra I - 2.0 - Algebra I - Students understand and use such operations as taking the opposite, finding the reciprocal, taking a root, and raising to a fractional power. They understand and use the rules of exponents.
5	B	Algebra I - 4.0 - Algebra I - Students simplify expressions before solving linear equations and inequalities in one variable, such as $3(2x - 5) + 4(x - 2) = 12$.
6	D	Algebra I - 4.0 - Algebra I - Students simplify expressions before solving linear equations and inequalities in one variable, such as $3(2x - 5) + 4(x - 2) = 12$.
7	C	Algebra I - 4.0 - Algebra I - Students simplify expressions before solving linear equations and inequalities in one variable, such as $3(2x - 5) + 4(x - 2) = 12$.
8	A	Algebra I - 4.0 - Algebra I - Students simplify expressions before solving linear equations and inequalities in one variable, such as $3(2x - 5) + 4(x - 2) = 12$.
9	A	Algebra I - 5.0 - Algebra I - Students solve multistep problems, including word problems, involving linear equations and linear inequalities in one variable and provide justification for each step.
10	B	Algebra I - 5.0 - Algebra I - Students solve multistep problems, including word problems, involving linear equations and linear inequalities in one variable and provide justification for each step.
11	D	Algebra I - 5.0 - Algebra I - Students solve multistep problems, including word problems, involving linear equations and linear inequalities in one variable and provide justification for each step.
12	D	Algebra I - 5.0 - Algebra I - Students solve multistep problems, including word problems, involving linear equations and linear inequalities in one variable and provide justification for each step.
13	C	Algebra I - 6.0 - Algebra I - Students graph a linear equation and compute the x-and y-intercepts (e.g., graph $2x + 6y = 4$). They are also able to sketch the region defined by linear inequality (e.g., they sketch the region defined by $2x + 6y < 4$).
14	C	Algebra I - 6.0 - Algebra I - Students graph a linear equation and compute the x-and y-intercepts (e.g., graph $2x + 6y = 4$). They are also able to sketch the region defined by linear inequality (e.g., they sketch the region defined by $2x + 6y < 4$).
15	C	Algebra I - 6.0 - Algebra I - Students graph a linear equation and compute the x-and y-intercepts (e.g., graph $2x + 6y = 4$). They are also able to sketch the region defined by linear inequality (e.g., they sketch the region defined by $2x + 6y < 4$).
16	A	Algebra I - 6.0 - Algebra I - Students graph a linear equation and compute the x-and y-intercepts (e.g., graph $2x + 6y = 4$). They are also able to sketch the region defined by linear inequality (e.g., they sketch the region defined by $2x + 6y < 4$).
17	B	Algebra I - 7.0 - Algebra I - Students verify that a point lies on a line, given an equation of the line. Students are able to derive linear equations by using the point-slope formula.
18	B	Algebra I - 7.0 - Algebra I - Students verify that a point lies on a line, given an equation of the line. Students are able to derive linear equations by using the point-slope formula.
19	B	Algebra I - 7.0 - Algebra I - Students verify that a point lies on a line, given an equation of the line. Students are able to derive linear equations by using the point-slope formula.
20	C	Algebra I - 7.0 - Algebra I - Students verify that a point lies on a line, given an equation of the line. Students are able to derive linear equations by using the point-slope formula.
21	C	Algebra I - 9.0 - Algebra I - Students solve a system of two linear equations in two variables algebraically and are able to interpret the answer graphically. Students are able to solve a system of two linear inequalities in two variables and to sketch the solution sets.

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Item #	Correct Answer	Standard
22	B	Algebra I - 9.0 - Algebra I - Students solve a system of two linear equations in two variables algebraically and are able to interpret the answer graphically. Students are able to solve a system of two linear inequalities in two variables and to sketch the solution sets.
23	D	Algebra I - 9.0 - Algebra I - Students solve a system of two linear equations in two variables algebraically and are able to interpret the answer graphically. Students are able to solve a system of two linear inequalities in two variables and to sketch the solution sets.
24	A	Algebra I - 9.0 - Algebra I - Students solve a system of two linear equations in two variables algebraically and are able to interpret the answer graphically. Students are able to solve a system of two linear inequalities in two variables and to sketch the solution sets.
25	B	Algebra I - 10.0 - Algebra I - Students add, subtract, multiply, and divide monomials and polynomials. Students solve multistep problems, including word problems, by using these techniques.
26	C	Algebra I - 10.0 - Algebra I - Students add, subtract, multiply, and divide monomials and polynomials. Students solve multistep problems, including word problems, by using these techniques.
27	C	Algebra I - 10.0 - Algebra I - Students add, subtract, multiply, and divide monomials and polynomials. Students solve multistep problems, including word problems, by using these techniques.
28	C	Algebra I - 10.0 - Algebra I - Students add, subtract, multiply, and divide monomials and polynomials. Students solve multistep problems, including word problems, by using these techniques.
29	C	Algebra I - 12.0 - Algebra I - Students simplify fractions with polynomials in the numerator and denominator by factoring both and reducing them to the lowest terms.
30	A	Algebra I - 12.0 - Algebra I - Students simplify fractions with polynomials in the numerator and denominator by factoring both and reducing them to the lowest terms.
31	D	Algebra I - 12.0 - Algebra I - Students simplify fractions with polynomials in the numerator and denominator by factoring both and reducing them to the lowest terms.
32	D	Algebra I - 12.0 - Algebra I - Students simplify fractions with polynomials in the numerator and denominator by factoring both and reducing them to the lowest terms.
33	A	Algebra I - 13.0 - Algebra I - Students add, subtract, multiply, and divide rational expressions and functions. Students solve both computationally and conceptually challenging problems by using these techniques.
34	B	Algebra I - 13.0 - Algebra I - Students add, subtract, multiply, and divide rational expressions and functions. Students solve both computationally and conceptually challenging problems by using these techniques.
35	A	Algebra I - 13.0 - Algebra I - Students add, subtract, multiply, and divide rational expressions and functions. Students solve both computationally and conceptually challenging problems by using these techniques.
36	D	Algebra I - 13.0 - Algebra I - Students add, subtract, multiply, and divide rational expressions and functions. Students solve both computationally and conceptually challenging problems by using these techniques.
37	C	Algebra I - 14.0 - Algebra I - Students solve a quadratic equation by factoring or completing the square.
38	C	Algebra I - 14.0 - Algebra I - Students solve a quadratic equation by factoring or completing the square.
39	B	Algebra I - 14.0 - Algebra I - Students solve a quadratic equation by factoring or completing the square.
40	B	Algebra I - 14.0 - Algebra I - Students solve a quadratic equation by factoring or completing the square.
41	A	Algebra I - 15.0 - Algebra I - Students apply algebraic techniques to solve rate problems, work problems, and percent mixture problems.
42	C	Algebra I - 15.0 - Algebra I - Students apply algebraic techniques to solve rate problems, work problems, and percent mixture problems.
43	B	Algebra I - 15.0 - Algebra I - Students apply algebraic techniques to solve rate problems, work problems, and percent mixture problems.
44	C	Algebra I - 15.0 - Algebra I - Students apply algebraic techniques to solve rate problems, work problems, and percent mixture problems.
45	A	Algebra I - 20.0 - Algebra I - Students use the quadratic formula to find the roots of a second-degree polynomial and to solve quadratic equations.

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Item #	Correct Answer	Standard
46	D	Algebra I - 20.0 - Algebra I - Students use the quadratic formula to find the roots of a second-degree polynomial and to solve quadratic equations.
47	C	Algebra I - 20.0 - Algebra I - Students use the quadratic formula to find the roots of a second-degree polynomial and to solve quadratic equations.
48	C	Algebra I - 20.0 - Algebra I - Students use the quadratic formula to find the roots of a second-degree polynomial and to solve quadratic equations.
49	C	Algebra I - 22.0 - Algebra I - Students use the quadratic formula or factoring techniques or both to determine whether the graph of a quadratic function will intersect the x-axis in zero, one, or two points.
50	B	Algebra I - 22.0 - Algebra I - Students use the quadratic formula or factoring techniques or both to determine whether the graph of a quadratic function will intersect the x-axis in zero, one, or two points.
51	B	Algebra I - 22.0 - Algebra I - Students use the quadratic formula or factoring techniques or both to determine whether the graph of a quadratic function will intersect the x-axis in zero, one, or two points.
52	A	Algebra I - 22.0 - Algebra I - Students use the quadratic formula or factoring techniques or both to determine whether the graph of a quadratic function will intersect the x-axis in zero, one, or two points.
53	B	Algebra I - 23.0 - Algebra I - Students apply quadratic equations to physical problems, such as the motion of an object under the force of gravity.
54	A	Algebra I - 23.0 - Algebra I - Students apply quadratic equations to physical problems, such as the motion of an object under the force of gravity.
55	C	Algebra I - 23.0 - Algebra I - Students apply quadratic equations to physical problems, such as the motion of an object under the force of gravity.
56	C	Algebra I - 23.0 - Algebra I - Students apply quadratic equations to physical problems, such as the motion of an object under the force of gravity.