Math IA — Report Card

August 1, 2015

Name: ▮▮▮▮▮▮▮▮▮▮▮▮

	Learning Target: Unit 1	*Demonstrated Mastery Level*
1.1.1	I can graph real numbers on a number line.	2
1.1.2	I can use ratios to solve real-world and mathematical problems.	3
1.1.3	I can distinguish between and apply the distributive, commutative, and associative properties.	4
1.1.4	I can distinguish between the real numbers, rational numbers, integers, and natural numbers.	3
1.1.5	I can add, subtract, multiply, and divide integers.	3
1.1.6	I can add, subtract, multiply, and divide fractions.	3
1.2.1	I can apply the order of operations.	3
1.2.2	I can recognize and combine like terms to simplify algebraic expressions.	3
1.3.1	I can use variables to represent quantities in a real-world or mathematical problem.	2
1.3.2	I can solve a two-step equation containing fractions.	4
1.3.3	I can solve a linear equation with variables on both sides.	4
1.3.4	I can solve a linear equation with fractional coefficients requiring the use of the distributive property.	4
1.3.5	I can recognize and give examples of linear equations with one solution, infinitely many solutions, or no solutions.	2
1.4.1	I can rearrange formulas and literal equations to highlight a quantity of interest.	4
1.5.1	I can set up a linear equation to represent a real-life situation.	2
1.6.1	I can set up a linear inequality in one variable to represent a real-life situation.	2
1.6.2	I can solve a linear inequality and graph the solution on a number line.	4

Unit Snapshot Scoring Guide	
6	Complete mastery of all content.
5	Mastery of nearly all content.
4	Understanding of most content.
3	Partial understanding of most content.
2	Emerging understanding of some content.
1	Limited understanding of content.

Learning Target Scoring Guide	
4	Consistent success at learning target.
3	Moderate success at learning target.
2	With help, partial success at learning target.
1	Limited evidence of success at learning target.

Unit 1 Snapshot	4

Learning Target: Unit 2		Demonstrated Mastery Level
2.1.1	I can determine whether a given relation represents a function.	2
2.1.2	I can determine the domain and range of a given relation.	3
2.1.3	Using a table, a graph, or an equation, I can explain what it means for a function to be linear.	2
2.1.4	I can write an equation in slope-intercept form using function notation form based on a description of a real-life situation.	3
2.2.1	I can find and interpret the slope of a line.	2
2.2.2	I can write the equation of a line passing through two given points.	2
2.3.1	I can convert between slope-intercept and standard form.	4
2.3.2	I can sketch the graph of a linear function.	4
2.4.1	Given a line, I can write the equation of another line parallel or perpendicular to the original line.	3
2.7.1	I can solve an equation involving absolute value.	2
2.7.2	I can graph absolute value functions.	2
2.8.1	I can graph an inequality in two variables.	4
2.8.2	I can set up an inequality in two variables to represent a real-life situation.	2
3.1.1	I can set up a system of two linear equations or inequalities and variables.	2
3.1.2	I can determine whether a system of linear equations has no solutions, exactly one solution, or an infinite number of solutions.	2
3.2.1	I can solve a system of two linear equations and variables using substitution, elimination, or graphing.	3
3.3.1	I can graph the solution set of a system of linear inequalities.	3

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Unit 2 Snapshot	3

	Learning Target: Unit 3	*Demonstrated Mastery Level*
4.1.1	Using a table, a graph, or an equation, I can explain what it means for a function to be quadratic.	2
4.1.2	I can sketch a graph of a quadratic function and identify its vertex and axis of symmetry.	4
4.1.3	I can find the x-intercepts and y-intercept of a quadratic function.	2
4.2.1	I can convert quadratic functions to standard form.	3
4.2.2	Given a graph of a quadratic function, I can write an equation for the parabola in vertex form.	3
4.2.3	Given a graph of a quadratic function, I can write an equation for the parabola in factored form.	4
4.3.1	I can solve quadratic equations by factoring.	3
4.3.2	I can factor differences of squares.	3
4.3.3	I can rewrite algebraic expressions by factoring out the greatest common factor.	3
5.3.1	I can expand algebraic expressions by multiplying.	4

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Unit 3 Snapshot	**4**

Self-Reported Homework Scoring Guide		
4	All problems completed with work shown. No blank answers. If not sure how to do a problem, showed what was tried with a question about what to do next.	
3	One or two problems left blank or without work or a well-formed question about what to do next.	**Homework Average**
2	More than two problems left blank or without work or a well-formed question about what to do next.	
1	Very little effort was expended on this assignment.	**4.00**

Final Grade
4