



Spring 2015 Algebra 1 Retake End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 1

Number of Points Possible	roilli 1				
MA.912.A.2.3 Evaluate a function; Function notation MA.912.A.2.4 Domain/range from mapping diagram; Domain/range from ordered pairs/table MA.912.A.3.1 Solving linear equations MA.912.A.3.3 Solving literal equations MA.912.A.3.4 Justify steps in solving inequalities; Solving/graphing simple inequalities MA.912.A.3.5 Solving linear equations; Writing/solving inequalities; Writing/solving linear equations MA.912.A.3.8 Graph given slope and y-intercept; Graph given two points MA.912.A.3.9 Slope given two points; Slope and y-intercept given graph; Y-intercept given two points Rewriting linear equations; Writing linear equations given graph; Writing linear equations; Writing linear equations given properties MA.912.A.3.10 Writing linear equations given two points MA.912.A.3.11 Making predictions from data; Write equations given data set MA.912.A.3.14 Solving systems by graphing; Writing systems of linear equations; Writing fortegory Point Total MA.912.A.4.1 Powers raised to powers; Simplifying monomial expressions MA.912.A.4.2 Adding/subtracting polynomials; Simplifying polynomial expressions MA.912.A.4.3 Factoring difference of two squares; Trinomial factoring MA.912.A.4.4 Dividing polynomials by monomials Reporting Category Point Total ONA.912.A.5.4 Solving algebraic proportions A.912.A.5.4 Solving algebraic proportions A.912.A.7.1 Identifying grapling radical equations with quadratic formula; Solving quadratic equations with quadratic formula; Solving quadratic equations with quadratic formula; Solving quadratics where b = 0 MA.912.A.7.1 Union and/or intersection MA.912.A.7.2 Venn diagrams		Content Focus			
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MA.912.D.7.2 Venn diagrams 3	MA.912.D.7.1		3		
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			13		





Spring 2015 Algebra 1 Retake End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 2

	FOITH 2			
NGSSS	Content Focus	Number of		
Benchmark Points Possible				
	Reporting Category 1. Functions, Linear Equations, and Inequalities			
MA.912.A.2.3	Evaluate a function; Function notation; Identifying functions	4		
MA.912.A.2.4	Domain/range from equation; Domain/range from ordered pairs/table	2		
MA.912.A.3.1	Solving linear equations	4		
MA.912.A.3.3	Solving literal equations	1		
MA.912.A.3.4	Justify steps in solving inequalities; Solving/graphing simple inequalities	2		
MA.912.A.3.5	Writing linear inequalities; Writing/solving linear equations; Writing/solving simple inequalities	3		
MA.912.A.3.8	Graph given equation in standard form; Graph given table of values	2		
MA.912.A.3.9	Slope and y-intercept given graph; Slope given equation; Slope given two points; X-intercept given equation	4		
MA.912.A.3.10	Slope perpendicular to given line; Writing linear equations given point and slope; Writing linear equations given slope and y-intercept; Writing linear equations given two points	4		
MA.912.A.3.11	Write equations given data set	2		
MA.912.A.3.14	Solving systems by substitution; Writing systems of linear equations; Writing/solving systems of linear equations	3		
	Reporting Category Point Total	31		
	Reporting Category 2. Polynomials			
MA.912.A.4.1	Simplifying monomial expressions	3		
MA.912.A.4.2	Adding/subtracting polynomials; Multiplying binomial expressions; Simplifying polynomial expressions	3		
MA.912.A.4.3	Simplifying rational expressions; Trinomial factoring	3		
MA.912.A.4.4	Dividing polynomials by monomials	1		
	Reporting Category Point Total	10		
Reporting Category 3. Rationals, Radicals, Quadratics, and Discrete Mathematics				
MA.912.A.5.4	Solving algebraic proportions	2		
MA.912.A.6.2	Simplifying radical expressions	1		
MA.912.A.7.1	Identifying graph given quadratic equation	1		
MA.912.A.7.2	Solving applications using quadratics; Solving quadratic equations using the zero product property; Solving quadratic equations with quadratic formula	3		
MA.912.D.7.1	Cross product; Union and/or intersection	3		
MA.912.D.7.2	Venn diagrams	3		
	Reporting Category Point Total	13		





Spring 2015 Algebra 1 Retake End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 3

Benchmark Reporting Category 1. Functions, Linear Equations, and Inequalities MA.912.A.2.3 Evaluate a function 4 MA.912.A.2.4 Domain/range from equation; Domain/range from ordered pairs/table 2 MA.912.A.3.1 Solving linear equations 4 MA.912.A.3.3 Solving literal equations 1 MA.912.A.3.4 Justify steps in solving inequalities; Solving/graphing simple inequalities 2 MA.912.A.3.5 Writing linear equations; Writing linear inequalities; 3 MA.912.A.3.8 Graph given point and slope; Graph given table of values 2 MA.912.A.3.9 Slope given equation; Slope given two points; 4 MA.912.A.3.10 Writing linear equations; Slope parallel to given line; MA.912.A.3.10 Writing equalities representing a given graph; 4 MA.912.A.3.11 Write equations given slope and y-intercept MA.912.A.3.14 Solving systems by substitution; Solving systems using elimination; 3 Writing linear equations given data set 2 MA.912.A.4.1 Powers raised to powers; Simplifying monomial expressions 3 MA.912.A.4.1 Powers raised to powers; Simplifying binomial expres	ruiii 3					
Reporting Category 1. Functions, Linear Equations, and Inequalities MA.912.A.2.3 Evaluate a function MA.912.A.2.4 Domain/range from equation; Domain/range from ordered pairs/table MA.912.A.3.1 Solving linear equations MA.912.A.3.3 Justify steps in solving inequalities; Solving/graphing simple inequalities MA.912.A.3.4 Justify steps in solving inequalities; Solving/graphing simple inequalities; MA.912.A.3.5 Writing linear equations; Writing linear inequalities; MA.912.A.3.8 Graph given point and slope; Graph given table of values Slope given equation; Slope given two points; A.912.A.3.9 X-intercept given equation; Y-intercept given two points Rewriting linear equations; Slope parallel to given line; Writing linear equations; Slope parallel to given line; Writing linear equations given slope and y-intercept MA.912.A.3.11 Write equations given data set 2 MA.912.A.3.14 Solving systems by substitution; Solving systems using elimination; Writing systems of linear equations Reporting Category Point Total 31 Reporting Category Point Total MA.912.A.4.1 Powers raised to powers; Simplifying monomial expressions; MA.912.A.4.2 Simplifying polynomials; Multiplying binomial expressions; MA.912.A.4.3 Factoring difference of two squares; Greatest common factor; Trinomial factoring MA.912.A.4.4 Dividing polynomials by monomials Reporting Category Point Total Reporting Category Point Total Reporting Category Point Total Order Reporting Category Point Total Reporting Category Point Total Reporting Category Point Total Order Reporting Category Point Total Reporting Category Point Total Reporting Category Point Total Order Reporting Category Point Total Order Reporting Category Point Total Reporting Category Point To		Content Focus	Number of			
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MA.912.A.3.1 Solving linear equations 1 MA.912.A.3.3 Solving literal equations 1 MA.912.A.3.4 Justify steps in solving inequalities; Solving/graphing simple inequalities 2 MA.912.A.3.5 Writing linear equations; Writing linear inequalities; Writing/solving simple inequalities; Writing/solving simple inequalities; Writing/solving simple inequalities 3 MA.912.A.3.8 Graph given point and slope; Graph given table of values 2 MA.912.A.3.9 Slope given equation; Slope given two points; X-intercept given equation; V-intercept given two points; Writing linear equations; Slope parallel to given line; Writing linear equations; Slope parallel to given line; Writing linear equations given slope and y-intercept Writing linear equations given slope and y-intercept MA.912.A.3.11 Write equations given data set 2 MA.912.A.3.11 Write equations given data set 2 MA.912.A.3.14 Solving systems by substitution; Solving systems using elimination; Writing systems of linear equations 3 **Reporting Category Point Total 31 **Reporting Category Point Total 31 **Reporting Category Point Total 31 **Adding/subtracting polynomials; Multiplying binomial expressions; Simplifying polynomial expressions 3 **MA.912.A.4.2 Dividing polynomials; Multiplying binomial expressions; Simplifying polynomial expressions 3 **MA.912.A.4.4 Dividing polynomials by monomials 1 **Reporting Category Point Total 10 **Reporting Category Point T	MA.912.A.2.3		4			
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MA.912.A.3.14Solving systems by substitution; Solving systems using elimination; Writing systems of linear equations3MA.912.A.3.14Reporting Category Point Total31MA.912.A.4.1Powers raised to powers; Simplifying monomial expressions3MA.912.A.4.2Adding/subtracting polynomials; Multiplying binomial expressions; Simplifying polynomial expressions3MA.912.A.4.3Factoring difference of two squares; Greatest common factor; Trinomial factoring3MA.912.A.4.4Dividing polynomials by monomials1MA.912.A.5.4Reporting Category Point Total10MA.912.A.5.4Solving algebraic proportions2MA.912.A.5.4Solving algebraic proportions2MA.912.A.7.1Identifying radical expressions1MA.912.A.7.2Solving quadratic equations using the zero product property; Solving quadratics where b = 03MA.912.A.7.2Solving quadratics where b = 03MA.912.A.7.1Cross product; Union and/or intersection3	MA.912.A.3.10	Writing inequalities representing a given graph;	4			
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MA.912.A.7.1Identifying graph given quadratic equation1MA.912.A.7.2Solving quadratic equations using the zero product property; Solving quadratics where b = 03MA.912.D.7.1Cross product; Union and/or intersection3	MA.912.A.5.4	Solving algebraic proportions	2			
MA.912.A.7.2 Solving quadratic equations using the zero product property; Solving quadratics where b = 0 MA.912.D.7.1 Cross product; Union and/or intersection 3	MA.912.A.6.2	Simplifying radical expressions	1			
MA.912.A.7.2 Solving quadratics where b = 0 MA.912.D.7.1 Cross product; Union and/or intersection 3	MA.912.A.7.1	Identifying graph given quadratic equation	1			
MA.912.D.7.1 Cross product; Union and/or intersection 3	MA.912.A.7.2		3			
MA 912 D 7 2 Venn diagrams 2	MA.912.D.7.1		3			
VEIII (lagialis)	MA.912.D.7.2	Venn diagrams	3			
Reporting Category Point Total 13		13				





Spring 2015 Algebra 1 Retake End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS)

Form 4				
NGSSS Benchmark	Content Focus	Number of Points Possible		
	Reporting Category 1. Functions, Linear Equations, and Inequalities			
MA.912.A.2.3	Evaluate a function; Function notation; Identifying functions	4		
MA.912.A.2.4	Domain/range from mapping diagram; Domain/range from ordered pairs/table	2		
MA.912.A.3.1	Solving linear equations	4		
MA.912.A.3.3	Solving literal equations	1		
MA.912.A.3.4	Justify steps in solving inequalities; Solving/graphing compound inequalities	2		
MA.912.A.3.5	Writing linear inequalities; Writing/solving linear equations	3		
MA.912.A.3.8	Graph given equation in slope-intercept form; Graph given point and slope	2		
MA.912.A.3.9	Slope given graph; X-intercept given equation; X-intercept given two points; Y-intercept given two points	4		
MA.912.A.3.10	Point on parallel line; Rewriting linear equations; Slope perpendicular to given line; Writing equations of parallel lines	4		
MA.912.A.3.11	Making predictions from data; Write equations given data set	2		
MA.912.A.3.14	Solving systems by substitution; Writing systems of linear equations; Writing/solving systems of linear equations	3		
	Reporting Category Point Total	31		
	Reporting Category 2. Polynomials			
MA.912.A.4.1	Simplifying monomial expressions	3		
MA.912.A.4.2	Adding/subtracting polynomials; Multiplying binomial expressions	3		
MA.912.A.4.3	Factoring difference of two squares; Trinomial factoring	3		
MA.912.A.4.4	Dividing polynomials by monomials	1		
	Reporting Category Point Total	10		
Reporting Category 3. Rationals, Radicals, Quadratics, and Discrete Mathematics				
MA.912.A.5.4	Solving algebraic proportions	2		
MA.912.A.6.2	Simplifying radical expressions	1		
MA.912.A.7.1	Identifying graph given quadratic equation	1		
MA.912.A.7.2	Solving applications using quadratics; Solving quadratic equations using the zero product property; Solving quadratics where b = 0	3		
MA.912.D.7.1	Cross product; Union and/or intersection	3		
MA.912.D.7.2	Venn diagrams Reporting Category Point Total	3		
	13			





What is content focus?

"Content focus" is a term that defines the specific content measured by each Spring 2015 Algebra 1 Retake EOC Assessment test item.

The Next Generation Sunshine State Standards (NGSSS) benchmarks and content foci assessed on the Spring 2015 Algebra 1 Retake EOC Assessment are not predictive of future Algebra 1 EOC Assessments.

What cautions should be considered when using Content Focus Reports?

Content Focus Reports should not be used to make decisions about instruction at the individual student level. Some reporting categories have too few test items to report reliable or meaningful scores at the student level. While well-intended, providing remedial instruction in a specific reporting category may not be justified and may be an inefficient use of instructional time. Content focus data should not be used as sole indicators to determine remedial needs of students.

When interpreting content focus data, the following cautions and information should also be considered:

- The number of items in a reporting category may vary from one year to another. Consequently, users should not compare performance data such as mean percent correct.
- Mean content area scores for each test form might be different; therefore, users should not compare content area scores across test forms.
- The difficulty of the items measuring each benchmark will vary from one year to the next. Consequently, users should not compare content area scores across years.
- The analysis is based on state-level data that are not intended to provide specific classroom, school, or district interpretations.
- Scale score values cannot accurately be determined using Content Focus Reports for a number
 of reasons. For instance, test scores are generated from students' performance on the entirety
 of the test, which accounts for the difficulty (also called cognitive complexity) of test items.

How may content area scores be used?

Guidance on how content area scores may be used by schools and districts is provided on pages 11-12 of <u>Understanding Florida End-of-Course Assessment Reports, Spring 2015</u> (PDF).