

Note: There are limitations in the use of these reports. To understand their use, please read “What cautions should be considered when using Content Focus Reports?” on page 5 of this report.

Spring 2015 Algebra 1 Retake End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 1		
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	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 simple inequalities	2
MA.912.A.3.5	Solving linear equations; Writing/solving inequalities; Writing/solving linear equations	3
MA.912.A.3.8	Graph given slope and y-intercept; Graph given two points	2
MA.912.A.3.9	Slope given two points; Slope and y-intercept given graph; Y-intercept given two points	4
MA.912.A.3.10	Rewriting linear equations; Writing linear equations given graph; Writing linear equations given point and slope; Writing linear equations given two points	4
MA.912.A.3.11	Making predictions from data; Write equations given data set	2
MA.912.A.3.14	Solving systems by graphing; 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	Powers raised to powers; Simplifying monomial expressions	3
MA.912.A.4.2	Adding/subtracting polynomials; Simplifying polynomial 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 with quadratic formula; 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	3
Reporting Category Point Total		13

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

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Spring 2015 Algebra 1 Retake End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 3		
NGSSS Benchmark	Content Focus	Number of Points Possible
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; 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; Y-intercept given two points	4
MA.912.A.3.10	Rewriting linear equations; Slope parallel to given line; Writing inequalities representing a given graph; Writing linear equations given slope and y-intercept	4
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 2. Polynomials		
MA.912.A.4.1	Powers raised to powers; Simplifying monomial expressions	3
MA.912.A.4.2	Adding/subtracting polynomials; Multiplying binomial expressions; Simplifying polynomial expressions	3
MA.912.A.4.3	Factoring difference of two squares; Greatest common factor; 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 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	3
Reporting Category Point Total		13

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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	3
Reporting Category Point Total		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 [Understanding Florida End-of-Course Assessment Reports, Spring 2015](#) (PDF).