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2012 Geometry End-of-Course (EOC) Assessment Form 1		
NGSSS Benchmark	Content Focus	Number of Points Possible
Reporting Category 1. Two-Dimensional Geometry		
MA.912.G.1.1	Justify segment length; Midpoint/distance	2
MA.912.G.1.3	Parallelism	2
MA.912.G.2.2	Polygon angle measures	3
MA.912.G.2.3	Corresponding parts of congruent figures; Corresponding parts of similar figures; Similar figures	4
MA.912.G.2.4	Transformations/reflections; Transformations/rotations	3
MA.912.G.2.5	Area; Perimeter	3
MA.912.G.3.3	Properties and proofs of squares	1
MA.912.G.3.4	Properties of parallelograms; Properties of quadrilaterals; Properties of rhombi	3
MA.912.G.4.6	Identify congruency in triangles using SSS, SAS, ASA, AAS, and HL; Using two-column proofs to show triangles congruent by their sides or angles	2
MA.912.G.4.7	Hinge theorem	1
MA.912.G.5.4	45/45/90 special triangles; Pythagorean theorem	4
MA.912.G.6.5	Area of sector; Areas of circles; Circumference	3
MA.912.G.6.6	Center given equation; Determining equations of circles	2
MA.912.G.8.4	Supporting conjectures	2
Reporting Category Point Total		35
Reporting Category 2. Three-Dimensional Geometry		
MA.912.G.7.1	Edges on a polyhedron; Nets of polyhedral; Polyhedra	3
MA.912.G.7.5	Lateral area; Surface area; Volume	4
MA.912.G.7.7	Cylinder dimension change affecting volume; Holding volume of cones constant; Prism dimension change affecting volume; Pyramid dimension change affecting surface area	4
Reporting Category Point Total		11
Reporting Category 3. Trigonometry and Discrete Mathematics		
MA.912.D.6.2	Contrapositive; Inverse	3
MA.912.T.2.1	Solving for angle with tan; Solving for side with cos; Solving for side with sine	5
Reporting Category Point Total		8

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2012 Geometry End-of-Course (EOC) Assessment Form 2		
NGSSS Benchmark	Content Focus	Number of Points Possible
Reporting Category 1. Two-Dimensional Geometry		
MA.912.G.1.1	Midpoint; Midpoint/distance	2
MA.912.G.1.3	Parallelism	2
MA.912.G.2.2	Polygon angle measures	3
MA.912.G.2.3	Congruency; Corresponding parts of congruent figures; Corresponding parts of similar figures; Similar figures	5
MA.912.G.2.4	Transformations/reflections; Transformations/rotations	3
MA.912.G.2.5	Area; Perimeter	2
MA.912.G.3.3	Properties and proofs of squares	1
MA.912.G.3.4	Properties of parallelograms; Properties of quadrilaterals	3
MA.912.G.4.6	Identify congruency in triangles using SSS, SAS, ASA, AAS, and HL; Using two-column proofs to show triangles congruent by their sides or angles	2
MA.912.G.4.7	Hinge theorem	1
MA.912.G.5.4	30/60/90 special triangles; Pythagorean theorem	4
MA.912.G.6.5	Areas of circles; Circumference	3
MA.912.G.6.6	Center given equation; Determining equations of circles	2
MA.912.G.8.4	Justifying properties of parallelograms; Supporting conjectures	2
Reporting Category Point Total		35
Reporting Category 2. Three-Dimensional Geometry		
MA.912.G.7.1	Edges on a polyhedron; Nets of polyhedral; Polyhedra	3
MA.912.G.7.5	Lateral area; Volume	4
MA.912.G.7.7	Cone dimension change affecting lateral area; Cylinder dimension change affecting volume; Pyramid dimension change affecting surface area; Sphere dimension change affecting surface area	4
Reporting Category Point Total		11
Reporting Category 3. Trigonometry and Discrete Mathematics		
MA.912.D.6.2	Contrapositive; Converse	3
MA.912.T.2.1	Solving for angle with tan; Solving for side with sine; Solving for side with tan	5
Reporting Category Point Total		8

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2012 Geometry End-of-Course (EOC) Assessment Form 3		
NGSSS Benchmark	Content Focus	Number of Points Possible
Reporting Category 1. Two-Dimensional Geometry		
MA.912.G.1.1	Distance; Midpoint/distance	2
MA.912.G.1.3	Parallelism	2
MA.912.G.2.2	Polygon angle measures	3
MA.912.G.2.3	Corresponding parts of congruent figures; Corresponding parts of similar figures; Similar figures; Similar triangles	4
MA.912.G.2.4	Transformations/reflections; Transformations/rotations; Transformations/translations	3
MA.912.G.2.5	Area; Perimeter	3
MA.912.G.3.3	Properties and proofs of squares	1
MA.912.G.3.4	Properties of quadrilaterals; Properties of trapezoids; Using two-column proofs to show quadrilaterals similar by their sides or angles	3
MA.912.G.4.6	Identify congruency in triangles using SSS, SAS, ASA, AAS, and HL; Using two-column proofs to show triangles congruent by their sides or angles	2
MA.912.G.4.7	Hinge theorem	1
MA.912.G.5.4	30/60/90 special triangles; Pythagorean theorem	4
MA.912.G.6.5	Area of sector; Central angles; Circumference	3
MA.912.G.6.6	Center given equation; Determining equations of circles	2
MA.912.G.8.4	Proving conjectures; Supporting conjectures	2
Reporting Category Point Total		35
Reporting Category 2. Three-Dimensional Geometry		
MA.912.G.7.1	Faces on a polyhedron; Polyhedra	3
MA.912.G.7.5	Lateral area; Volume	4
MA.912.G.7.7	Cylinder dimension change affecting lateral area; Cylinder dimension change affecting volume; Pyramid dimension change affecting surface area	4
Reporting Category Point Total		11
Reporting Category 3. Trigonometry and Discrete Mathematics		
MA.912.D.6.2	Contrapositive	3
MA.912.T.2.1	Solving for angle with tan; Solving for side with sine; Solving for side with tan; Solving problems with more than one ratio	5
Reporting Category Point Total		8

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2012 Geometry End-of-Course (EOC) Assessment Form 4		
NGSSS Benchmark	Content Focus	Number of Points Possible
Reporting Category 1. Two-Dimensional Geometry		
MA.912.G.1.1	Distance; Midpoint/distance	2
MA.912.G.1.3	Parallelism	2
MA.912.G.2.2	Polygon angle measures	3
MA.912.G.2.3	Corresponding parts of congruent figures; Corresponding parts of similar figures; Similar triangles	4
MA.912.G.2.4	Transformations/rotations	3
MA.912.G.2.5	Area; Perimeter	3
MA.912.G.3.3	Properties and proofs of squares	1
MA.912.G.3.4	Properties of parallelograms; Properties of quadrilaterals; Properties of rhombi	3
MA.912.G.4.6	Identify congruency in triangles using SSS, SAS, ASA, AAS, and HL; Using paragraph proofs to show triangles congruent by their sides or angles	2
MA.912.G.4.7	Hinge theorem	1
MA.912.G.5.4	30/60/90 special triangles; 45/45/90 special triangles; Pythagorean theorem	4
MA.912.G.6.5	Central angles; Circumference	3
MA.912.G.6.6	Center given equation; Determining equations of circles	2
MA.912.G.8.4	Justifying properties of parallelograms; Supporting conjectures	2
Reporting Category Point Total		35
Reporting Category 2. Three-Dimensional Geometry		
MA.912.G.7.1	Faces on a polyhedron; Nets of polyhedral; Polyhedra	3
MA.912.G.7.5	Lateral area; Volume	4
MA.912.G.7.7	Cylinder dimension change affecting volume; Pyramid dimension change affecting surface area; Rectangular prism dimension change affecting volume; Sphere dimension change affecting surface area	4
Reporting Category Point Total		11
Reporting Category 3. Trigonometry and Discrete Mathematics		
MA.912.D.6.2	Contrapositive; Converse	3
MA.912.T.2.1	Solving for angle with tan; Solving for side with cos; Solving for side with sine	5
Reporting Category Point Total		8

What is content focus?

"Content focus" is a term that defines the specific content measured by each 2012 Geometry EOC Assessment test item.

The Next Generation Sunshine State Standards (NGSSS) benchmarks and content foci assessed on the 2012 Geometry EOC Assessment are not predictive of future Geometry EOC Assessments.

How should use of Content Focus Reports be limited?

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 precautions 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.