

I can prove theorems about lines and angles.

- Vertical angles are congruent.
- When a transversal crosses parallel lines, alternate interior angles are congruent.
- Corresponding angles are congruent.
- Points on a perpendicular line segment are equidistant from the endpoints of the segment.

I can use the definition of congruence in terms of rigid motion to show that two triangles are congruent if and only if corresponding sides and angles are congruent.

I can give definitions of perpendicular lines, and based on notions of parallel lines, along a line.

Geometry

COMMON CORE

"I CAN" STATEMENTS

I can give definitions of reflections, rotations in the plane, circles, arcs, lines, rays, and line segments.

I can use the properties of similarity transformations to establish the AA criterion for two triangles to be similar.

I can use the properties of similarity transformations to decide if two triangles are similar.

ALL THINGS ALGEBRA®

GEOMETRY COMMON CORE

"I Can" Statement Posters

Directions: Print on cardstock, laminate, and display as your daily objectives! The posters include standards included in the traditional pathway Geometry course in an "I Can" format.

61 posters in both color
& black and white!!

I can describe transformations as functions that take points in the plane as inputs and give other points as output.

I can prove theorems about lines and angles.

- Vertical angles are congruent.
- When a transversal crosses parallel lines, alternate interior angles are congruent.
- Corresponding angles are congruent.

I can use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.

G-SRT.5

I can prove the slope criteria for parallel and perpendicular lines and use the slope to identify parallel and perpendicular lines.

I can apply concepts of density based on area and volume in modeling situations.

I can describe events as subsets of a sample space using characteristics of the outcomes, or as unions, intersections, complements, or other events.

S-CP.1

I can recognize and explain the concepts of conditional probability and independence in everyday language and everyday situations.

S-CP.5

I can construct the inscribed and circumscribed circles of a polygon, and prove theorems about angles of a triangle, quadrilateral, and other polygons.

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I can describe transformations as functions that take points in the plane as inputs and give other points as outputs.

G-CO.2

I can prove theorems about lines and angles.

- Vertical angles are congruent.
- When a transversal crosses parallel lines, alternate interior angles are congruent.
- Corresponding angles are congruent.

G-CO.9

I can use congruence and similarity criteria for triangles to solve problems and relations in geometric figures.

G-SRT.5

I can apply concepts of density based on area and volume in modeling situations.

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I can prove the slope criteria for parallel and perpendicular lines and use them to solve geometric problems.

I can describe events as subsets of a sample space using characteristics of the outcomes, or as unions, intersections, or complements of other events.

S-CP.1

I can construct the inscribed and circumscribed circles of a triangle, and prove that the inscribed angles subtended by the same arc are congruent.

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I can recognize and explain the concepts of conditional probability and independence in everyday language and everyday situations.

S-CP.5

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