

Week 1 Standards

G.CO.1 I can understand and use definitions of angles, circles, perpendicular lines, parallel lines, and line segments based on the undefined term of a point, a line, the distance along a line, and the length of an arc.

G.CO.2 I can use a variety of media to represent and compare rigid and size transformations of figures in a coordinate plane.

I can compare transformations that preserve distance and angle measures to those that do not.

I can describe and compare function transformations on a set of points as inputs to produce another set of points as outputs, to include translations and horizontal and vertical stretching.

G.CO.9 Prove vertical angles are congruent.

Prove when a transversal crosses parallel lines, alternate interior angles are congruent.

Prove when a transversal crosses parallel lines, corresponding angles are congruent.

Prove that points on a perpendicular bisector of a line segment are equidistant from the endpoints of the segment.

G.CO.10 Prove the measures of interior angles of a triangle have a sum of 180° .

Prove base angles of isosceles triangles are congruent.

Prove the segment joining midpoints of two sides of a triangle is parallel to the third side and half its length.

Prove the medians of a triangle meet at a point.
