

Geometry EOC Item Specifications
Florida Standards Assessments

MAFS.912.G-CO.1.1	Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.
Item Types	<p>Editing Task Choice – May require choosing a definition from an informal argument.</p> <p>GRID – May require drawing a figure.</p> <p>Hot Text – May require dragging text to complete a justification.</p> <p>Matching Item – May require choosing precise definitions.</p> <p>Multiple Choice – May require selecting a definition.</p> <p>Multiselect – May require selecting responses.</p> <p>Open Response – May require explaining the validity of a definition.</p>
Clarification	Students will use the precise definitions of angles, circles, perpendicular lines, parallel lines, and line segments, basing the definitions on the undefined notions of point, line, distance along a line, and distance around a circular arc.
Assessment Limit	
Stimulus Attributes	<p>Items may be set in a real-world or mathematical context</p> <p>Items may require the student to analyze possible definitions to determine mathematical accuracy.</p> <p>Items may require the student to use definitions for justifications when choosing examples or nonexamples.</p> <p>Items may require the student to use properties of rotations, reflections, and translations as steps to a formal definition.</p>
Response Attribute	
Calculator	Neutral

Sample Item	Item Type
<div data-bbox="1052 226 1239 262">Open Response</div> <p data-bbox="196 304 1159 340">Kyle defines a circle as “the set of all the points equidistant from a given point.”</p> <p data-bbox="196 352 812 388">Explain why Kyle’s definition is not precise enough.</p> <p data-bbox="196 401 693 436">Type your answer in the space provided.</p> <div data-bbox="196 468 1159 663"></div>	