

Common Core State Standards for Mathematics		
Domain: Geometry		
Geometric Constructions (make geometric constructions) (G.CO.12, 13)		
High School		
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard. The student will: <ul style="list-style-type: none"> construct a tangent to a circle (G.CO.12) construct a parallelogram, rectangle, rhombus and square (G.CO.12) 	Example Activities
	3.5 In addition to score 3.0 performance, in-depth inferences and applications with partial success.	
Score 3.0	<p>The student will:</p> <ul style="list-style-type: none"> construct an equilateral triangle, a square and a regular hexagon inscribed in a circle (G.CO.13) <p>The student exhibits no major errors or omissions.</p>	Students will be placed in groups of three. Each student will be assigned a type of construction. One student will construct equilateral triangles, one squares and the last will construct regular hexagons inscribed in a circle. Students will use formal construction methods to create their assigned shapes. Each time the group creates a shape they must explain to their team members how they constructed the specific shape. After three constructions in the group the students will be re-grouped by like shape. At this group the students will collaborate to write a process for constructing their particular shape. This written explanation will be submitted to the teacher for feedback.
	2.5 No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content	
Score 2.0	<p>There are no major errors or omissions regarding the simpler details and processes as the student will:</p> <ul style="list-style-type: none"> recognize or recall specific vocabulary, such as: <ul style="list-style-type: none"> equilateral triangle, square, regular hexagon perform basic processes, such as: <ul style="list-style-type: none"> make formal constructions with a variety of tools and methods (e.g., compass, straightedge, string, reflective devices, paper folding, software) (G.CO.12) <p>However, the student exhibits major errors or omissions regarding the more complex ideas and processes.</p>	Constructions: copying a segment copying an angle bisecting a segment bisecting an angle perpendicular lines perpendicular bisector of a line segment a line parallel to a given line through a point not on a given line
	1.5 Partial knowledge of the 2.0 content but major errors or omissions regarding the 3.0 content	
Score 1.0	With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.	
	0.5 With help, a partial understanding of the 2.0 content but not the 3.0 content	
Score 0.0	Even with help, no understanding or skill demonstrated.	