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| **LG #** | **L109** | **Standards:** | **G-CO.4.12, G-CO.4.13** |
| **4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard.**  **The student will be able to:**   * Use constructions to discover Euler’s Line.   **No major errors or omissions regarding the score 4.0 content.** | | |
| **3.5** | In addition to 3.0, in-depth inferences and applications with partial success. | | |
| **3.0** | **Students will be able to make geometric constructions.**  **The student will be able to:**   * Make formal geometric constructions with a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). * Construct a segment and angle bisector using a variety of tools and methods. (CO.4.12) * Construct perpendicular lines and the perpendicular bisector of a line segment using a variety of tools and methods. (CO.4.12) * Construct a line parallel to a given line through a point not on the line using a variety of tools and methods. (CO.4.12) * Construct an equilateral triangle inscribed in a circle (CO.4.13) * Construct a square inscribed in a circle (CO.4.13) * Construct a regular hexagon inscribed in a circle (CO.4.13)   **No major errors or omissions regarding the score 3.0 content (simple or complex).** | | |
| **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of 3.0 content. | | |
| **2.0** | **The student recognizes and describes specific terminology such as:**   |  |  |  | | --- | --- | --- | | * Constructions | * Compass | * Straightedge | | * Segment | * Angle | * Bisect | | * Perpendicular Lines | * Perpendicular Bisector | * Parallel | | * Point * Regular Hexagon | * Equilateral Triangle * Inscribed | * Square * Circle |   **The student will be able to:**   * Construct copies of segments and angles using a variety of tools and methods. (CO.4.12) | | |
| **1.5** | Partial knowledge of the score 2.0 content, but major errors or omissions regarding score 3.0 content. | | |
| **1.0** | With 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 some of the simpler details and processes and some of the more complex ideas and processes. | | |
| **0.0** | Even with help, no understanding or skill is demonstrated | | |