|  |  |  |  |
| --- | --- | --- | --- |
| **LG #** | **L108** | **Standards:** | **G-CO.1.1, G-CO.1.3** |
| **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:*** Create equations of lines of reflection for regular polygons other than quadrilaterals.
* Explain how the order in which a sequence of transformation is performed may result in different outcomes

**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 know definitions of basic Geometric terms and transformations. Describe transformations.****The student will be able to:*** Given a rectangle, parallelogram, trapezoid, or regular polygon, describe the rotations and reflections that carry it onto itself. (G-CO.1.3)
* Develop definitions of rotations, reflections, and translations in terms of angles, circles, perpendicular lines, parallel lines, and line segments. (G-CO.1.4)

**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:**

|  |  |  |
| --- | --- | --- |
| * Angle
 | * Line Segment
 | * Circular Arc
 |
| * Circle
 | * Point
 | * Transformation
 |
| * Perpendicular Line
 | * Line
 | * Input
 |
| * Parallel Line
* Rectangle
* Regular Polygon
* Translations
* Reflectional Symmetry
 | * Distance
* Parallelogram
* Rotations
* Plane
 | * Output
* Trapezoid
* Reflections
* Rotational Symmetry
 |

**The student will be able to:*** 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. (G-CO.1.1)
 |
| **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 |