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| **LG #** | **L113** | **Standards:** | **G-SRT.1.2, G-SRT.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:**   * Prove or disprove that two given figures are similar using transformations and the definition of similarity.   **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 understand similarity in terms of similarity transformations.**  **The student will be able to:**   * Given two figures, use the definition of similarity in terms of similarity transformations to decide if they are similar. (G-SRT.1.2) * Explain using similarity transformations the meaning of similarity for triangles as the equality of all corresponding pairs of angles and the proportionality of all corresponding pairs of sides (G-SRT.1.2) * Use the properties of similarity transformations to establish the AA criterion for two triangles to be similar (G-SRT.1.3)   **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:**   |  |  |  | | --- | --- | --- | | * AA | * Center of Dilation | * Scale Factor | | * Similarity Transformation | * Similar | * Ratio | | * Corresponding Sides | * Proportionality | * Corresponding Angles | |  |  |  |   **The student will be able to:**   * Know the definition of similarity in terms of similarity transformations. (G-SRT.1.2) * Know the properties of similarity transformations (G-SRT.1.3) | | |
| **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 | | |