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| **LG #** | **G02** | **Standards:** | **G-CO.2.6, G-CO.2.7, G-CO.2.8** |
| **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:*** Construct a viable argument to explain why SSA does not provide enough evidence for triangle congruence using rigid motion.
* Construct a viable argument to explain why AAA does not provide enough evidence for triangle congruence using rigid motion.

**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 congruence in terms of rigid motions.****The student will be able to:*** [Use geometric descriptions of rigid motions to predict the effect of a given rigid motion on a given figure. (G-CO.2.6)](http://www.cpalms.org/Public/PreviewResource/Preview/70593)
* [Given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent. (G-CO.2.6)](http://www.cpalms.org/Public/PreviewResource/Preview/70614)
* [Use the definition of congruence in terms of rigid motions to show that two triangles are congruent if and only if corresponding pairs of sides and corresponding pairs of angles are congruent.](http://www.cpalms.org/Public/PreviewResource/Preview/60290) ([G-CO.2.7](http://www.cpalms.org/Public/PreviewResource/Preview/60297))
* Explain how the criteria for triangle congruence ([ASA](http://www.cpalms.org/Public/PreviewResource/Preview/62206), [SAS](http://www.cpalms.org/Public/PreviewResource/Preview/62205), [SSS](http://www.cpalms.org/Public/PreviewResource/Preview/62199), and Hypotenuse-Leg) follow from the definition of congruence in terms of rigid motions. (G-CO.2.8)

**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:**

|  |  |  |
| --- | --- | --- |
| * Rigid Motion
 | * Congruence
 | * Corresponding
 |
| * Triangle Congruence
 | * ASA
 | * SAS
 |
| * SSS
 | * HL
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**The student will be able to:*** [Use geometric descriptions of rigid motions to transform figures. (G-CO.2.6)](http://www.cpalms.org/Public/PreviewResource/Preview/70601)
* [Know the definition of congruence in terms of rigid motions. (G-CO.2.7)](http://www.cpalms.org/Public/PreviewResource/Preview/59703)
 |
| **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 |