**RUBRIC FOR SCORING A PROOF**

**Points Possible – 5:**

**3:** Proof is correct

**2:** Proof is correct but incomplete

**1:** Proof is incorrect but includes elements of a proof

**0:** No Response

Supporting Components in a Proof:

**2: Multiple Components**: Response contains more than one representation used in the service of creating a solution to the task.

**1: Single Components**: Response contains only a single representation used in the service of creating a solution to the task. A written sentence or sentences that simply states the answer, but does not add any mathematical explanation, does not qualify as a second representation.

*Components could include:*

* **Mathematical Argument**: The proof follows a mathematical argument, one that follows rules for argumentation in the mathematical domain.
* **Establishes Truth**: The proof establishes a given statement or conjecture as true.
* **Based on Mathematical Facts**: The proof is based on mathematical facts, previously proven results, or unproved assumptions that are agreed-upon by the person creating the proof and/or the mathematical community at large.

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| --- | --- | --- | --- |
|  | **Points Possible:** | **Points Earned:** | **Comments:** |
| Proof | *3* |  |  |
| Supporting Components | *2* |  |  |
| *Total:* | *5* |  |  |