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| --- | --- | --- | --- | --- |
| Task Completion | 1Attempted something | 2Attempted all tasks, but two or more are incomplete | 3Attempted all tasks, but one is incomplete | 4Completed all tasks throroughly (Hot Coffee, Pyramid of Pennies, BeeHives, and Ice Cream Scoops) |
| Introduction | 1Does not follow instructions for introduction | 2Introduces topic and mentions collaborators by name |  |  |
| Relevant Information | 1Includes irrelevant information or information that was not used in the model | 2Follows directions for relevant info. All info mentioned is used later in the model. |  |  |
| Model | 1There is just not much there. | 2Explanation is hard to follow. The model shows some thinking. | 3Explanations are in complete sentences, includes all strategies, drawings, and calculations. May have minor errors in logic or gaps in explanation. | 4Explanations use complete sentences, includes all strategies, drawings, and calculations. Shows professional quality explanations. |
| Error Analysis | 1Not very thorough | 2Discusses math errors only. | 3Basic error analysis. Missing one or two important sources of error. | 4Thorough error analysis that follows the instructions of the outline. |
| Extension | 1Mentions an extension. | 2Attempted the extension and shows some mathematical reasoning. | 3Shows mathematical reasoning to answer one extension, or has minor errors in communication or thinking. | 4Extension is thorough and answers multiple questions mathematically. Shows curiosity and creativity. |

Total \_\_\_\_\_\_\_\_\_\_\_\_\_ out of 20