

## Constructed - Response Rubric

<b>Content Rubric</b>	
2	A score of two indicates a <b>thorough understanding</b> of the mathematical concepts embodied in the task. The response <ul style="list-style-type: none"> <li>• shows content related work executed correctly and completely.</li> </ul>
1	A score of one indicates a <b>partial understanding</b> of the mathematical concepts embodied in the task. The response <ul style="list-style-type: none"> <li>• contains errors in the content related work.</li> </ul>
0	A score of zero indicates <b>limited or no understanding</b> of the mathematical concepts embodied in the task.
<b>Process Rubric</b>	
2	A score of two indicates a <b>thorough understanding</b> of the processes related to the task. The response <ul style="list-style-type: none"> <li>• shows an appropriate strategy to solve the problem, and the strategy is executed correctly and completely.</li> <li>• identifies all important elements of the problem and shows a complete understanding of the relationships among them.</li> <li>• attends to precision in explanations and the overall body of work.</li> </ul>
1	A score of one indicates a <b>partial understanding</b> of the processes related to the task. The response contains one or more of the following errors. The response <ul style="list-style-type: none"> <li>• shows a strategy that contains minor errors.</li> <li>• identifies some of the important elements of the problem and shows a general understanding of the relationships among them.</li> <li>• contains errors related to the precision of work.</li> </ul>
0	A score of zero indicates <b>limited or no understanding</b> of the processes related to the task.

### Scoring Notes

- Correct answers ONLY, on all parts of the problem with no work shown, will receive a maximum of 1 point in Content and a maximum of 1 point in Process.
- A student can receive the top score point in Process if an error made in the Content portion is used with an appropriate strategy to solve the problem.
- A computation error deducts a point from either the Content score or Process score depending on where the error occurs. Multiple computation errors may deduct points from the Content score, Process score, or both scores depending on where the errors occur and the number of errors in the response.

## Extended - Response Rubric

<b>Content Rubric</b>	
3	A score of three indicates a <b>thorough understanding</b> of the mathematical concepts embodied in the task. The response <ul style="list-style-type: none"> <li>• shows content related work executed correctly and completely.</li> </ul>
2	A score of two indicates a <b>partial understanding</b> of the mathematical concepts embodied in the task. The response <ul style="list-style-type: none"> <li>• contains minor errors in the content related work.</li> </ul>
1	A score of one indicates a <b>limited understanding</b> of the mathematical concepts embodied in the task. The response <ul style="list-style-type: none"> <li>• contains major errors in the content related work.</li> </ul>
0	A score of zero indicates <b>no understanding</b> of the mathematical concepts embodied in the task.
<b>Process Rubric</b>	
3	A score of three indicates a <b>thorough understanding</b> of the processes related to the task. The response <ul style="list-style-type: none"> <li>• shows an appropriate strategy to solve the problem, and the strategy is executed correctly and completely.</li> <li>• identifies all important elements of the problem and shows a complete understanding of the relationships among them.</li> <li>• attends to precision in explanations and the overall body of work.</li> </ul>
2	A score of two indicates a <b>partial understanding</b> of the processes related to the task. The response contains one or more of the following errors. The response <ul style="list-style-type: none"> <li>• shows a strategy that contains minor errors.</li> <li>• identifies some of the important elements of the problem and shows a general understanding of the relationships among them.</li> <li>• contains minor errors related to the precision of work.</li> </ul>
1	A score of one indicates a <b>limited understanding</b> of the processes related to the task. The response contains one or more of the following errors. The response <ul style="list-style-type: none"> <li>• shows a strategy that contains major errors.</li> <li>• shows a limited understanding of the relationships among the elements of the problem.</li> <li>• contains major errors related to the precision of work.</li> </ul>
0	A score of zero indicates <b>no understanding</b> of the processes related to the task.

### Scoring Notes

- Correct answers ONLY, on all parts of the problem with no work shown, will receive a maximum of 2 points in Content and a maximum of 2 points in Process.
- A student can receive the top score point in Process if an error made in the Content portion is used with an appropriate strategy to solve the problem.
- A computation error deducts a point from either the Content score or Process score depending on where the error occurs. Multiple computation errors may deduct points from the Content score, Process score, or both scores depending on where the errors occur and the number of errors in the response.