

Rubric for Mathematics

4 = Expert

- Your choice of mathematical representations helped clarify the problem's meaning.
- You used mathematical terminology precisely.
- You chose innovative and insightful strategies for solving the problem.
- You proved that your solution was correct and that your approach was valid.
- You showed multiple ways to compute your answer.
- Your explanation was clear and concise.
- Your mathematical representations expanded on your solution.

3 = Practitioner

- Your choices of mathematical representations of the problem were appropriate.
- You used correct mathematical terminology.
- You chose appropriate, efficient strategies for solving the problem.
- You justified each step of your work.
- Your solution was well organized and easy to follow.
- Your mathematical representations helped clarify the solution.

2 = Apprentice

- Your choice of forms to represent the problem was inefficient or inaccurate.
- You used mathematical terminology imprecisely.
- You offered little or no explanation of your strategies.
- Your process led to a partially complete solution.
- Your solution was hard to follow in places.
- Your mathematical representations were somewhat helpful in clarifying your thinking.

1 = Novice

- Your mathematical representations of the problem were incorrect or not included.
- You used mathematical terminology incorrectly.
- Your strategies were not appropriate for the problem.
- You gave no evidence of how you arrived at your answer.
- You did not seem to have a sense of what your audience needed to know.
- Your mathematical representations did not help clarify your thinking.