EXTENDED-RESPONSE RUBRIC WITH NOTES: MATHEMATICAL KNOWLEDGE

MATHEMATICAL KNOWLEDGE:		General Notes:
Knowledge of mathematical principles and concepts which result in a correct solution to a problem.		[Use this space and the space at each score point to further define the computations or mathematics expected when solving the problem.]
<u>Score</u> Level	Description	Notes
4	 shows complete understanding of the problem's mathematical concepts and principles uses appropriate mathematical terminology and notations including labeling answer if appropriate executes algorithms and computations completely and correctly 	The response demonstrates the following:
3	 shows nearly complete understanding of the problem's mathematical concepts and principles uses mostly correct mathematical terminology and notations executes algorithms completely; computations are generally correct but may contain minor errors 	The response demonstrates the following:
2	 shows some understanding of the problem's mathematical concepts and principles uses some correct mathematical terminology and notations may contain major algorithmic or computational errors 	The response demonstrates the following:

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1	 shows limited to no understanding of the problem's mathematical concepts and principles 	The response may demonstrate one of the following:
	 may misuse or fail to use mathematical terminology and notations 	
	 attempts an answer 	
0	no answer attempted	