

Holistic Rubric

Problem Solving

Understands the Problem and Develops a Problem-Solving Plan		Carries Out the Plan and Reviews the Results
4	- Identifies the relevant information needed to solve the problem - Selects an appropriate solution method and develops a comprehensive plan for solving the problem	- Clearly demonstrates the necessary mathematical concepts, processes, and skills necessary to effectively carry out the problem-solving plan - Answers the question in the problem and checks the reasonableness of the solution
3	- Identifies relevant information to solve the problem and some irrelevant information - Selects a solution method but does not develop a comprehensive plan for solving the problem	- Demonstrates the use of most of the mathematical concepts, processes, and skills necessary to carry out the problem-solving plan - Answers the question in the problem but does not check for the reasonableness of the solution
2	- Identifies some of the relevant information needed to solve the problem - Selects a solution method but does not develop a plan for solving the problem	- Demonstrates the use of some of the mathematical concepts, processes, and skills necessary to carry out the problem-solving plan - States a solution but does not answer the question and check for reasonableness of the solution
1	- Unable to identify the relevant information needed to solve the problem - Unable to select a method and develop a plan for solving the problem	- Unable to demonstrate the use of mathematical concepts, processes, and skills necessary to carry out the problem-solving plan - Unable to state a solution, answer the question, and check for the reasonableness of the solution