


## Math Problem Solving Rubric

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Name: \_\_\_\_\_

	<b>Distinguished - 4</b>	<b>Proficient - 3</b>	<b>Apprentice - 2</b>	<b>Novice - 1</b>
Understands the Problem	Identifies special factors that influences the approach before starting the problem	Understands the problem	Understands enough to solve part of the problem or to get part of the solution	Doesn't understand enough to get started or make progress
Uses Information Appropriately	Explains why certain information is essential to the solution	Uses all appropriate information correctly	Uses some appropriate information correctly	Uses inappropriate information
Applies Appropriate Procedures	Explains why procedures are appropriate for the problem	Applies completely appropriate procedures	Applies some appropriate procedures	Applies inappropriate procedures
Uses Representations	Uses a representation that is unusual in its mathematical precision	Uses a representation that clearly depicts the problem	Uses a representation that gives some important information about the problem	Uses a representation that gives little or no significant information about the problem
Answers the Problem	Correct solution of problem and made a general rule about the solution or extended the solution to a more complicated solution	Correct solution	Copying error, computational error, partial answer for problem with multiple answers, no answer statement, answer labeled incorrectly	No answer or wrong answer based upon an inappropriate plan

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