


## Mathematics Problem Solving Rubric

<b>Reasoning</b>	I don't know if my solution is correct.	My solution is correct but I don't know how to prove it. 	I proved that my solution is correct.
<b>Strategies</b>	I am not sure if I have a strategy for solving the problem.	I have a strategy for solving the problem.	I have a number of strategies for solving the problem.
<b>Representation</b>	I created a model but it is not helping me solve the problem.	I created a model that helped me solve the problem.	I created a model that gave me insight into the problem.
<b>Communication</b>	I know what I did but I cannot explain it.	I can explain my solution but it isn't very clear yet.	I clearly explained my solution.
<b>Conceptual Understanding</b>	I can recognize and recall some of the features of this math idea but I do not know how it relates to.	I can show the main features of this math idea but I do not know how it relates to other math ideas.	I can relate and show how this math idea relates to other math ideas.