POW Rubric - adapted from http://mathforum.org   Preston – Unity College

Problem Solving	1 - Does not meet	2 - Partially Meets	3 - Meets	4 - Exceeds
Interpretation	Did not understand the concepts and didn't attempt all parts of the problem.	Demonstrated an understanding of some of the concepts. Didn't answer all the parts of the problem.	Demonstrated an understanding of most of the concepts. Answered all the parts of the problem completely.	Demonstrated a thorough understanding of the concepts. Answered all the parts of the problem completely.
Strategy	Did not use a strategy that was useful in solving the problem.	Used an inappropriate strategy. Relied on guess and check.	Used an appropriate strategy. Failed to justify strategy and/or verify solution.	Used an appropriate strategy along with algebraic methods to solve the problem. Verified using a different strategy.
Accuracy	Arrived at the incorrect solution. Made many mistakes.	Made some mistakes in calculations.	Made a few minor careless errors.	Made no mathematical mistakes and arrived at the correct answer.
Communication				
Completeness	Included little or no explanation of the problem-solving process.	Didn't explain the problem-solving process well. Left out important tables, graphs, or equations.	Explained most of the parts of the problem-solving process thoroughly or included relevant tables, graphs, and equations.	Explained all the parts of the problem-solving process thoroughly and included relevant tables, graphs, and equations.
Clarity	No introduction or conclusion. Difficult to follow. Made lots of grammatical and spelling errors. Many typos.	Omitted introduction or conclusion. Some grammatical and spelling errors. Organization needs improvement.	Omitted introduction or conclusion. Very few grammatical and spelling errors. Well-organized and easy to follow.	Included an introduction, body, and conclusion. No grammatical or spelling errors. Well-organized, easy to follow, nicely formatted.
Reflection	Included no reflection.	Included one reflection.	Included two reflections.	Included three reflections.

Examples of a Reflection

Included rough draft, feedback, revision   Commented on the reasonableness of solution.
Connected the problem to another problem or experience.   Extended the problem beyond what was asked.

Essentials!   **(1 point)**   Times New Roman Font   Double-spaced   Name of problem   Your name