

Math Problem Solving Rubric



Student Name: _____

Teacher Name: _____

Date: _____ Grade: _____

	4	3	2	1
Strategy/ Procedures	Uses an efficient and effective strategy to solve the problem.	Uses an effective strategy to solve the problem.	Uses a strategy to solve the problem but it is not effective.	Does not use a strategy to solve the problem.
Explanation	Explanation is detailed and clear.	Explanation is clear.	Explanation is a little difficult to understand, but includes critical components.	Explanation is difficult to understand and is missing several components OR was not included.
Mathematical Concepts	Shows complete understanding of the mathematical concepts used to solve the problem.	Shows substantial understanding of the mathematical concepts used to solve the problem.	Shows some understanding of the mathematical concepts needed to solve the problem.	Shows very limited understanding of the underlying concepts needed to solve the problem OR is not written.
Mathematical Terminology and Symbols	Advanced, correct terminology and symbols are used, making it very easy to understand what was done.	Correct terminology and symbols are used, making it easy to understand what was done.	Correct terminology and symbols are used, but it is sometimes not easy to understand what was done.	There is little use, or a lot of inappropriate use, of terminology and symbols.
Neatness and Organization	The work is presented in a neat, detailed, organized fashion that is easy to read.	The work is presented in a neat and organized fashion that is easy to read.	The work is presented in an organized fashion but may be hard to read.	The work appears sloppy and unorganized. It is hard to know what information goes together.