

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

CATEGORY	4	3	2	1
Mathematical Concepts	Explanation shows complete understanding of the mathematical concepts used to solve the problem(s).	Explanation shows substantial understanding of the mathematical concepts used to solve the problem(s).	Explanation shows some understanding of the mathematical concepts needed to solve the problem(s).	Explanation shows very limited understanding of the underlying concepts needed to solve the problem(s) OR is not written.
Mathematical Errors	90-100% of the steps in the solution have no mathematical errors.	Almost all (85-89%) of the steps in the solution have no mathematical errors.	Most (75-84%) of the steps in the solution have no mathematical errors.	More than 75% of the steps in the solution have mathematical errors.
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.
Neatness and Organization	The work is presented in a neat, clear, organized fashion that is easy to read.	The work is presented in a neat and organized fashion that is usually easy to read.	The work is presented in an organized fashion but may be hard to read at times.	The work appears sloppy and unorganized. It is hard to know what information goes together.
Pictures and/or Videos	Pictures and/or videos are appropriate and greatly add to the reader's understanding of the word problem.	Pictures and/or videos are appropriate and aid the reader's understanding of the word problem.	Pictures and/or videos are somewhat appropriate and may add slightly to the reader's understanding of the word problem.	Pictures and/or videos are inappropriate, do not add to the reader's understanding of the word problem, or are not used.