

Math - Problem Solving : Math Algebra-Multi-Step Equation Demonstration

Teacher Name: Ms. Keeter

SCORE: _____ /24 Pts.

Format (circle one): **Mobi/Digital Camera** **Video** **White Board** **PPT/Prezi**

Date: _____ Period: _____

Student Names: _____ & _____

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.
Explanation & Timing (5 min-10 max)	Explanation is detailed and clear and presented in a timely manner.	Explanation is clear but timing is not.	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.
Diagrams and Sketches	Diagrams and/or sketches are clear and greatly add to the reader's understanding of the procedure(s).	Diagrams and/or sketches are clear and easy to understand.	Diagrams and/or sketches are somewhat difficult to understand.	Diagrams and/or sketches are difficult to understand or are not used.
Mathematical Terminology and Notation	Correct terminology and notation are always used, making it easy to understand what was done.	Correct terminology and notation are usually used, making it fairly easy to understand what was done.	Correct terminology and notation 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 notation.
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
Working with Others	Students were engaged, listening to suggestions & sharing responsibility.	Student was an engaged partner but had trouble listening to others and/or working	Student cooperated with others, but they did not equally participate.	Student did not work effectively with others and project was incomplete.

Notes: _____