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| **Math - Problem Solving : Adding and Subtracting Polynomials**Teacher Name: **Angela Bentvena** Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |

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| 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 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.  |
| **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.  |
| **Working with Others**  | Student was an engaged partner, listening to suggestions of others and working cooperatively throughout lesson.  | Student was an engaged partner but had trouble listening to others and/or working cooperatively.  | Student cooperated with others, but needed prompting to stay on-task.  | Student did not work effectively with others.  |