

UNIT SIX

RUBRIC



STUDENT NAME _____ SUBJECT _____

MP 6 Attend to Precision: Mathematically proficient students try to communicate precisely to others. They try to use clear definitions in discussion with others and in their own reasoning. They state the meaning of the symbols they choose, including using the equal sign consistently and appropriately. They are careful about specifying units of measure, and labeling axes to clarify the correspondence with quantities in a problem. They calculate accurately and efficiently, express numerical answers with a degree of precision appropriate for the problem context. In the elementary grades, students give carefully formulated explanations to each other. By the time they reach high school they have learned to examine claims and make explicit use of definitions.

	4 - Advanced	3 – Competent	2 – Limited	1 - Emerging
Oral & Written Explanation	Student consistently uses domain specific language and accurate definitions to discuss mathematical solutions and reasoning. Student shows deep understanding of symbols and uses quantity labels consistently. Student not only answers, but poses questions to clarify problems.	Student uses domain specific language and accurate definitions to discuss mathematical solutions and reasoning. Student shows understanding of symbols and uses quantity labels consistently.	Student inconsistently uses domain specific language and accurate definitions to discuss mathematical solutions and reasoning. Student uses quantity labels some of the time.	Student does not use domain specific language or accurate definitions. Student inconsistently uses quantity labels.
Week 1				
Week 2				
Week 3				
Calculations	Student calculates problems precisely and efficiently, with a high degree of accuracy. When applicable, student uses precise measuring and labeling to ensure accuracy.	Student calculates problems precisely and efficiently most of the time. When applicable, student uses precise measuring and labeling to ensure accuracy.	Student attempts to calculate problems precisely and efficiently. Student sometimes uses precise measuring and labeling.	Student lacks precision and efficiency when calculating problems. Student does not measure or label precisely.
Week 1				
Week 2				
Week 3				

INSTRUCTIONAL NEXT STEPS: