_____ _____ _____ _____
Student Name   **Subject/Teacher**   **Assignment**   **Date**

MSMHS Rubric 3: Mathematical Reasoning

Student will use mathematical reasoning to make decisions and solve problems independently.   *8/2020 Edition*

Criteria	Exemplary	Approaching Exemplary	Proficient	Approaching Proficient	Beginning
Persistence	• Works hard on the task and pushes through even when difficulties arise • Independently locates resources needed to answer questions • Does not ask for help or asks well-defined questions to solve the task	←	• Works hard on the task • Locates mostly appropriate resources needed to answer questions • Asks for help or shows attempt to solve the task independently	←	• Gives up quickly, often just wanting someone to give the answer or does not put in effort to solve problem • Resources used are not appropriate • Asks for help on the majority of the task or does not show attempt to solve independently
Solution	• Clearly and accurately solves the problem • Data is accurately labeled and defined • All steps are included so the reader does not have to infer how the task was completed	←	• Solves the problem with minor errors that do not take away from the overall quality of the work • Data is labeled and defined with minor errors • Only some steps are included and the reader must infer how some parts of the task were completed	←	• Solves the problem with more than a few mistakes and/or the mistakes take away from the overall quality of the work • Data is missing labels and/or definitions • No steps are included
Justification	• Explanation elaborately describes process for finding the solution, explains why, and justifies reasoning with details • Explains in words what your answer means in the context of the problem	←	• Basic explanation of the process to find the solution in words • Explains in words what the answer means with limited context of the problem	←	• Explanation is confusing, incomplete, or missing • Does not provide context for the answer
Presentation	• Work is very well organized and easy to read with regard to appropriate audience • Work is exceptionally attractive and visually appealing to the reader	←	• Work is mostly well-organized and easy to read • Work is mostly attractive and visually appealing to the reader	←	• Work is unorganized and difficult to read • Work is distractingly messy and lacks visual appeal

Additional Comments: