**Rubric for Student Mathematician’s Journal**

**Mathematical Concepts**

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| 3 | You aced it! You show that you have a strong understanding of the math ideas and good problem solving strategies. You answer all of the questions completely. |
| 2 | You have a good understanding of the math ideas and use good strategies to solve problems but have some minor errors that show an incomplete understanding. You answer most of the questions but your answer is not complete. |
| 1 | Your answer shows a partial understanding of math ideas. There are some errors and your problem-solving strategy is not completely appropriate. The questions were not answered completely. |
| 0 | Review the material. The mathematical concepts are incorrectly stated and your problem solving strategy is not appropriate. You did not answer all of the questions. |

**Mathematical Communication**

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| --- | --- |
| 3 | Congratulations. Your ideas are supported with what we learned in class. You used good examples through words, graphs, models and problems. |
| 2 | You supported your ideas with some details. Answer the questions completely and use examples when required. |
| 1 | Your ideas need to be explained further. Support your ideas with details. |
| 0 | Your reasoning in not clear and your answer has little or no support based on the math concepts we learned. |

**Mathematical Vocabulary**

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| --- | --- |
| 3 | You correctly use all vocabulary related to the math concepts from the unit. |
| 2 | You correctly use most vocabulary or may have minor misunderstanding. You did not include or misstated a vocabulary term. |
| 1 | You use some vocabulary but left out several vocabulary terms or misstated the terms. |
| 0 | Little or no math vocabulary was used in the answer. |

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