

Please indicate your solutions clearly in the document using complete sentences and brief explanations. The point is that you indicate to me what the solution is and how it relates to the context of the question being asked. See the example spreadsheet I posted to the course website and the related video (<https://www.youtube.com/watch?v=1wNrxiceAiQ>) for details on what I consider good form.

Email your spreadsheet file to amohr@nebrwesleyan.edu by 11:59 pm on the due date.

Semi-Log Graphs

In this project, we will examine parts I and II (“How Big Is the Graph?” and “Semi-Log Graphs”) of Exploration 3 beginning on page 406 in the text.

You must complete questions 1 - 3 from part II in a spreadsheet. You may choose to handwrite the other solutions if you find it simpler. For the spreadsheet portion, you should use formulas to quickly generate the data for question 1, make a labeled scatter plot for question 2, and perform a linear regression (including equation and correlation coefficient) for question 3. See the course website (www.austinmohr.com/math1100) for an example of quickly generating lots of data from a formula.