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| How to think about two related measurements 1. Write a hypothesis of the form  “I believer the amount of \_\_\_\_\_\_\_\_\_ depends on the amount of \_\_\_\_\_\_\_\_\_\_\_\_\_. | **2. Table**  ***Make a table with only the data points that you trust. You’re allowed to throw out data points if you have a good reason to distrust them.***  ***Important: the left column must be the independent variable.***  ***The minimum number of points for this assignment is \_\_\_\_\_\_\_*** |  | **3. Graph**  ***For full credit follow all five rules on our handout Rules For Good Graphing.***  ***A copy is at*** [***http://genest.weebly.com***](http://genest.weebly.com) ***You can use your own graph paper and staple here if you wish.*** | | |
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| **4. Equation**  ***Write a y = mX + B equation. Replace the letters Y and X with your variables from your hypothesis in Step 1. To calculate m (the slope) use any two points from the best fit line you drew with a ruler on your graph.*** | | |  | **5. Sentence**  ***Based on the “m” (slope) you calculated in Step 4, write a sentence similar to “For every 2 bags there are 34 potatoes”. Your X variable always goes first in such a sentence.*** |
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Your Period\_\_\_\_\_Name \_\_\_\_\_\_\_\_\_\_\_\_

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Here is space if you want to show your calculation your minimum increment for the graph