

Math 175 – Spring 2017
Assignment: G1
Due: In class today, and ongoing

Names: _____

For this assignment, you will be **designing a data collection protocol** and then **collecting data** for a study.

First, look at the spreadsheet of the data that was collected last week. This is the data from the survey taken in class, and it represents both sections of Math 175. The survey items are shown here for your reference:

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| <p>Home: City _____, State/Province/County _____, Country _____ Age: years: __, months: _____ Number of siblings (half/step included): ____ Driving time to your permanent residence: _____ (hours:minutes, rounded to the nearest 5 mins) (write "N/A" if your home is not accessible by car from here) How many credits are you enrolled in this term? _____ Class standing: FR SO JR SR UNSURE For how many years did you play organized sports? _____ Mac or PC? MAC PC BOTH Which hand are you writing with right now? LEFT RIGHT How much money will you spend going to school today? (coffee, lunch, estimated fuel costs, etc.): \$ _____ Approximately how many time do you cook your own dinner per week? 0 1 2 3 4 5 6 7 How many people (adults & children) live full-time in your residence (including you)? _____ Approximately how many hours per week do you exercise? (whole numbers) _____ What time did you wake up today? _____ How much money do you have in coins with you right now? \$ _____ Which sock do you put on first? LEFT RIGHT How many different people did you text with in the last 24 hours? (check your phone) _____ How many different people did you talk to on the phone with in the last 24 hours? _____ Are you wearing glasses or contact lenses right now? YES NO Do you have a smartphone with you right now? YES NO How many Harry Potter books have you read entirely (circle one): 0 1 2 3 4 5 6 7 Flip a coin. What outcome did you get? (circle one)? HEADS TAILS</p> |
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Look over the data with your group members to find trends or irregularities.

List two things that you find interesting or perplexing about the data (but **not** about an individual data value):

(1)

(2)

Explain what you think each of these variables can *indirectly* tell you about a student.
(For example, *coins* might be able to tell you whether a person carries a purse.)

Credits: _____

Exercise: _____

Wake: _____

Talk: _____

Come up with a variable that was *not* in the survey that you believe may be associated with one of those listed above.

We believe that _____ may be related to _____
(choose Credits, Exercise, Wake, or Talk) (other variable of your design)

