CONFIDENCE INTERVALS FOR MEANS: Lab Submission page

Secretary: _____

Others: _____ _____

_____ _____

Part I:

If the mean for a variable is 1,000 and the standard *error* is 10, construct & interpret…

1. a 95.44% confidence interval

2. a 95% confidence interval

3. a 90% confidence interval

Part II:

4. Calculate the standard error for the MUSIC index you created an in earlier lab. (Use musicb.sav or you'll need to recode and compute again. Also, for #s 4 & 5, you may use SPSS to check your work, but do the math & show your work.)

5. Calculate a 95% confidence interval for the average number of genres (of those 12, anyway) that people in the population like. (You already have the mean and standard deviation from a previous lab, so may not need SPSS again.)

6. Draw a picture on the back of this page, and label all of the parts. (Refer to the lecture before saying "I don't know how." And start paying more attention to lectures. Dude, we're drawing *pictures!* How cool is *THAT!* ☺)