Math 1314 ONLINE
Alternate Assignment 2

Record your answers to these questions on the Alternate Assignment 2 answer sheet and upload your answers to the Alternate 2 slot on the "Assignments" tab at casa.uh.edu. This assignment is due on Saturday, January 26, 2013, at 11:59 p.m. All work must be submitted electronically. Late work will not be accepted.

1. How many basic questions are considered in a calculus course?
2. See question 1. Name the basic question(s).
3. What is the website for downloading GeoGebra?
4. True or false: You can't use GGB unless you download it onto the computer you are using and get an icon on your desktop.
5. Evaluate using GGB: $5-6^2+12\cdot 2-8$
6. How do you change the font size in GGB?
7. How do you change the number of decimal places that are displayed in GGB?
8. How do you access the spreadsheet view in GGB?
9. Suppose you want to create a table of values in spreadsheet view. Enter your function in the input line. You want to use 2, 4, 6, 8, 10, … as the x values. Describe how to create a list of x values in spreadsheet view.
10. Refer to problem 9. Now that you have the x values in the spreadsheet, describe how you create a list of y values in spreadsheet view.
11. Refer to problems 9 and 10. How do you create a list of ordered pairs in the spreadsheet?
12. Refer to problems 9, 10 and 11. How do you create a list of ordered pairs in the Algebra Window?
13. Suppose $f(x)=1.89x^2-4.5x-2.7$. Create a table of values with a starting value of -1 and an increment of 0.5. What is the 6^{th} y value in your list of function values?
14. How do you enter $\sqrt{x}$ into GGB?
15. Suppose you want to change the scale on the axes or relocate the origin. Explain how to do these things.
16. Suppose $f(x)=4.1x^3+10x^2-8.3x-2.78$. Find $f(-1.64)$ and $f(2.17)$ using GGB.