

Newberger, Math 122, Fall 2005

Homework: Sections 3.8 and 3.10 *Due: Tuesday, October 18*

Clearly and neatly show your work.

- I. (Not to turn in.) Practice! Make sure you can do problems that involve taking derivatives with logs in them. See page 249 #1-20.
- II. (Not to turn in.) Practice! Make sure you can do problems that have functions of x in the exponent. See page 249 #39-46.
- III. Do Section 3.10 #10, 11, 16 and 17. Make what you turn in an explanation of how you solved the problem; use words to say what you are doing, so I can understand what strategy you are using at each step. Note #16 is not the same type of problem, but I assigned it in this group because it relies on pythagoras' theorem.