

Main Exercises Week 14

MATH 131: Calculus II, Section 1

Your Name (Print): _____

Follow the general guidelines for the Main Exercises assignments (the salmon colored handout). Be sure to **staple** together your pages if you have more than one, and include your **name** at the top. Neatness is appreciated and makes a good first impression!!!

Due: at the beginning of class on Wednesday, April 30th

Remember: Your write-up should be **your own**. You may discuss these problems with others, but **you should be alone when you write them up**, using only outlines of any group or Intern/TA discussions. Be sure to show your work! How you get there is more important than the final answer. Make sure you read the complete question with all the directions and hints before starting a problem.

Remember to include full sentences!!!

1. Do Exercise 22 from Section 8.4 in the text (page 567). Be sure to show all steps.
2. Do Exercise 28 from Section 8.4 in the text (page 567). Be sure to check the hypotheses/conditions.
3. Do Exercise 40 from Section 8.5 in the text (page 576). Be sure to show detailed work; explain all steps.
4. Do Exercise 42 from Section 8.5 in the text (page 576). Be sure to show detailed work; explain all steps.