

## Math 217: Assignment 1 (Due Wednesday, Sep. 22)

### Remarks:

- i. Assignments are due at the beginning of the class. No late assignments will be accepted (but I will drop two assignments when I compute grades).
- ii. Each assignment will include some “suggested practice problems”, many of which will be odd-numbered problems from the text (so the answers are in the back, and solutions may be in the Student Solutions Manual) – these are problems I strongly recommend doing so that you become familiar with the material (it is the only way!), but will not be marked. In fact, probably just a few problems will be selected for marking each week. Assignments aside, I recommend doing as many of the problems from the text as you can.
- iii. You are allowed – even encouraged – to work together on the assignments!
- iv. The numbering refers to J. Stewart *Multivariable Calculus* 5th edition.

### Suggested practice problems:

- 13.1 # 3, 7, 11, 15, 25, 29, 37
- 13.2 # 7, 15, 19, 27, 31
- 13.3 # 1, 15, 19, 23, 27, 37, 43, 47, 59
- 13.4 # 3, 9, 11, 15, 19, 27, 29, 45
- 13.5 # 1, 3, 11, 19, 27, 35, 41, 49, 69
- 13.6 # 1, 7, 13, 21-28, 41, 43

### Problems to hand in:

- 13.1 # 12, 30, 32
- 13.2 # 22, 32, 36
- 13.3 # 12, 28, 38, 46, 52
- 13.4 # 4, 10, 26
- 13.5 # 8, 28, 56
- 13.6 # 20, 42