

Calculus II
Start of Homework Two
Due Friday 21 February, 2011

This assignment is not yet complete. I will add a few problems from section 6.1 later on. At this point we've essentially gone over all of Chapter 5, and so you should be able to do these problems while I'm away if you want. The only exception might be the problems asking you to relate definite integrals and average values. We did this quickly at the end of class on Friday and didn't have time to do an example. I'll start class on Tuesday of week three with a little more about integrals as averages and we'll do a practice example, and then we'll launch into Chapter 6. So you might want to hold off on the average problems from Chapter 5 until then.

Chapter 5.3:

1. 4
2. 6
3. 10
4. 14
5. 23
6. 36

Chapter 5.4:

1. 6
2. 10
3. 13
4. 14-18
5. 26 (Hint: Think geometrically)
6. 34-35
7. 36-39