Math 2573H **Honors Calculus III** **Fall Semester 2015**

Assignment 9 - Due Thursday 11/12/2015

The second mid-term exam is on 11/12/2015, to be held in recitations. The questions will be on the topics we have covered from sections 2.5, 2.6, 3.1, 3.3, 3.4, 4.1, 4.2, 4.3, 5.1-5.5

Exercises from Colley:
5.4: 5, 12, 20, 24, 26
5.5: 1, 2, 4, 9, 10, 11, 14, 24, 28, 34

Notes
Section 5.4 is about triple integrals, and the idea is just the same as with double integrals. The main thing is to get practice integrating over different regions. Section 5.5 seems rather long for what it does. The main thing is the formula in Theorem 5.3 and then gaining familiarity with how this works in particular cases.