

**MATH 200(55): Homework 5**

Due Wed Feb 20

**Problems:** For full credit you need to show all the work leading to your solution.

**4.4:** 36, 39

**5.1:** 6, 12, 14

**5.2:** 2, 4, 8, 10, 11

**5.3:** 4abc, 6, 11

**5.4:** 4 (Sketch the regions and change the order of integration, you do not need to evaluate the resulting integrals)