

UNIVERSITY OF CALGARY
DEPARTMENT OF MATHEMATICS AND STATISTICS

Math 381

Assignment 5

Due November 24, 2009

The section and problem numbers refer to the Seventh Edition of Calculus, A Complete Course. Be sure to check that these are the same as the questions in your edition, if you are using an earlier version.

You are encouraged to discuss your work with your fellow students. However, you are expected to write up your own solution and to be able to explain it if asked.

We will select a sample of the problems to be marked. Some of the problems are calculations, and others ask for some proof. It is expected that you will provide clear, well thought, concise responses.

Section in 7 th Edition	Problem numbers
14.4	26
14.5	10,18
14.6	16*
14.7	12
15.1	14
15.2	10,12
15.3	4,6
15.4	6,10,22
15.5	8,14

***NB** 14.6 Problem 16 is 14.6 problem 30 in the sixth edition.