

Math 381

Assignment 2

Due October 6, 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 <sup>th</sup> Edition | Problem numbers |
|------------------------------------|-----------------|
| 12.1                               | 24,36           |
| 12.2                               | 12,14           |
| 12.3                               | 12,16,24,36     |
| 12.4                               | 4,10,16         |
| 12.5                               | 16,30           |
| 12.6                               | 12, 18          |

NOTE The problem numbers are the same in the sixth edition, EXCEPT for section 12.6. In the Sixth edition the two problems are numbered 8 and 14.