



Sirindhorn International Institute of Technology
Thammasat University
Department of Common and Graduate Studies

MAS 116: Problem Set 3

Semester/Year: 3/2008

Course Title: MAS116 (Mathematics I)

Instructor: Dr. Prapun Sukksompong (prapun@siit.tu.ac.th)

Textbook: Howard Anton, Irl Bivens, and Stephen Davis, *Calculus*, 8th Edition, Wiley (2005).

Due date: April 30 (Thursday)

Section 3.3:

- 2, 4, 12, 18, 23
 - For these questions, use only the basic techniques of differentiation given in Section 3.3 of the textbook to justify each step of your solution.
- 40, 66

Section 3.4:

- 8
 - Simplify your answer
- 12, 22b, 35a

Remarks:

1. Only ten of the above problems will be graded. Of course, you do not know which problems will be selected; so you should work on all of them.
2. Late submission will not be accepted.
3. Write down all the steps that you have done to obtain your answers. You will not get full credit even when your answer is correct without showing how you get your answer.

Please submit all homework in the MAS116 box in front of the CGS Department which is located on the 3rd floor of RS building.