

Homework Set 1

Mathematics Tutorial I (Calculus Part)

Due date: Tuesday, October 8, 2013 (at the beginning of the Math Tutorial I class).

General guideline :

- To receive full credit you need to show your work. It does not suffice to write down the final answer. You need to describe your solving process and explain why your answer is correct.(*)
- Write down your solutions in order. For instance, start with the assigned problems from Section 1.1, starting with problem 2, then proceed to problem 3, problem 14 etc.
- Please note that not all problems will be graded.
- Answers to odd numbered problems are in the back of the book. However, keep (*) above in mind.

Assigned Problems: If you started using the old book (*Single Variable Essential Calculus, Early Transcendentals* by James Stewart, ISBN: 0495109756) please do the following problems:

Chapter 1, Section 1: 2, 3, 14, 24, 37, 44, 48

Chapter 1, Section 2: 6, 15, 18, 34, 50, 56

If you started using the correct book (*Single Variable Essential Calculus* (International Edition, 2nd edition by James Stewart, ISBN-13: 978-1-133-52862-7), please do the following problems

Chapter 1, Section 1: 4, 5, 16, 26, 39, 42, 46

Chapter 1, Section 2: 6, 17, 20, 36, 52, 58

PLEASE WRITE AT THE TOP OF YOUR HOMEWORK WHICH BOOK (old or new) YOU USED.