

Homework Set 12

Mathematics Tutorial I (Calculus Part)

Due date: Tuesday, January 21, 2014 (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: ¹

Chapter 5, Section 3: 2, 6, 12, 20, 28, 42, 50, 72

Chapter 5, Section 4: 2, 4, 8, 22, 24, 30, 38, 42, 46, 48

Chapter 5, Section 5: 2, 8, 18

¹from *Single Variable Essential Calculus* (International Edition) by James Stewart, 2nd edition, ISBN-13: 978-1-133-52862-3