

Instructor: Leo Goldmakher

University of Toronto at Scarborough

MATA32 – Calculus for Management I

Problem Set 10 (due April 1st, 2010)

This week's quiz will be drawn exclusively from examples from 13.6. However, you should also read the following sections.

READ:

- 12.7 (just through Example 4)
- 13.1
- 13.2 (you don't have to read it carefully – mainly, look at the pictures)
- 13.4 (don't worry about the introductory paragraph – just read pages 588–589)
- 13.6 (the quiz will be drawn exclusively from this section)

PROBLEMS:

- **Section 12.7 # 1–4**
- **Section 13.1 # 1, 2**
- **Section 13.2 # 1–8 (In addition to finding all the absolute maxima and minima in the given interval, also find all the *relative* maxima and minima in the interval.)**
- **Section 13.4 # 1–6**
- **Section 13.6 # 3, 4, 15, 16, 20, 23, 24, 30, 36**