

MATH 251 HOMEWORK 5
DUE OCTOBER 30, 2017.
ROBERT LIPSHITZ

Recall that homework is due at the **beginning of class** on the due date.

- (1) §3.5: 4, 8, 26, 36, 42, 47.
- (2) §3.7: 2, 8, 18, 24, 36, 44. (Use implicit differentiation for 44.)

If you have trouble with a problem, or get help with one, solve a couple of similar ones. (For most of the problems, adjacent-numbered problems are similar.) In fact, you might like to solve a similar, odd-numbered problem *before* solving the assigned one, so you can check your answer to it.

Optional further, challenging-but-interesting problems.

- (1) §3.5: 38, 48, 51, 52, 55, 56.
- (2) §3.7: 47, 48.

Email address: lipshitz@uoregon.edu