Homework 3
Due Wednesday, February 6
Reminder: Late homework will not be accepted.

Do the following problems from your textbook.

Homework from Monday’s Lecture
Section 2.8: 2, 4, 12, 20, 22, and 24.
Problem 3 in Section 2.8 is not assigned but it is good practice. I recommend you do this one on your own.

Homework from Wednesday’s Lecture
Section 2.8: 32, 34, 37, and 38.
Also do the following problem:

Use the definition of a derivative to find $f'(x)$ and $f''(x)$ when $f(x) = \frac{1}{x}$. (This is part of problem 42 from section 2.8.)

Homework from Friday’s Lecture
Section 3.1: 4, 6, 8, 12, 14, 16, 24, 38, and 46. (Hint on 46: see example 6 in the textbook, section 3.1.)