

## Homework Set 10

DUE: APRIL 29, 2019 (AT THE BEGINNING OF CLASS)

**To be handed in**

*Please write your solutions to Problem 1 on a single sheet of paper!*

1. What is the maximum volume that a cardboard box with square base (and open top) can have if it is built using 48 square feet of cardboard?
3. Textbook (5th edition) Section 4.4, Exercises 1 – 12, 43 – 48, 61, 63, 65, 95
4. Textbook (5th edition) Section 4.7, Exercises 3 – 5, 17 – 22, 29, 30, 43, 44