

## Math 447 - Spring 2026 - Homework 12

Published: Tuesday, March 31, 2026

### Status - Reading Assignments:

Here are the reading assignments to be completed before the first one of this HW.

MF447 lecture notes:

ch. 1 – 12.4

WMS (Wackerly, et al. Textbook):

Ch. 2 – 6.5

Other:

Nothing assigned yet

### New reading assignments:

It is really important for the WMS reading assignments that you work through the examples!

**No reading assignment for Monday, April 6.**

### Reading assignment 1 - due Wednesday, April 8:

- a. Carefully read MF ch.13.1 and ch.13.2. Work with pencil and paper through Example 13.1! The stronger students are encouraged to also study the optional material. In particular, they should work through Example 13.2.

### Reading assignment 2 - due Friday, April 10:

- a. Carefully read MF ch.13.2.
- b. Review what you have learned about sampling in MF ch.8.2 and the material about the sample mean.
- c. Carefully read MF ch.13.3. through Example 13.6. Note that this (entire) chapter is very important for Math 448!

**Written assignments are on the next page.**

**General note on written assignments:** I will not collect those assignments for grading but doing them might be helpful for your quizzes and exams.

- (a) Work closed book through the examples given in the assigned reading, both in MF and WMF.
- (b) Write from memory the definitions and theorems of MF ch.8.2 and of what was assigned so far from MF ch.13.
- (c) All WMS exercises below are odd-numbered, so the solutions are in the book.
- WMS ch.5.9 exercises: #5.119, 5.123
  - WMS ch.6.3 exercises: #6.1, 6.3, 6.9
  - WMS ch.6.4 exercises: #6.23, 6.31, 6.35
  - WMS ch.6.5 exercises: #6.37, 6.39
  - WMS ch.6.7 exercises: #6.73, 6.83, 6.87

**Selected answers:**

None, since all answers to (a) can be found in WMS and the lecture notes.