

## Homework 9

Math 262

due 5:00pm on Wednesday, October 25

Write your solutions to the following problems clearly and neatly. Make sure to explain your reasoning and provide mathematical details that support your answers. For a few tips on writing solutions, see [this helpful guide for mathematical writing](#).

You may write or type your solutions electronically, or write them on paper and scan or photograph them. Upload a single file containing your solutions to the [Homework 9](#) assignment on Moodle.

### Book Problems

- Section 2.7, #121, 125, 127 (pages 130–131)
- *Choose one of the following two problems:* Section 2.8 #137 (page 139) or Section 2.9 #142 (page 140)
- Section 3.1 #1, 3, 7, 11 (pages 158–161)