

Homework 1

Math 262

due 5:00pm on Monday, February 14

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 1](#) assignment on Moodle.

Book Problems

- Section 1.1 #1, 2, 6, 11 (pages 5–7)

- Section 1.2 #15, 19 (page 15)

Note: For #15, A_i is the event that project i is awarded (and possibly other projects are awarded as well). For #19, assume that events A and B are disjoint.