Finite Mathematics

Homework 7

Due via Gradescope, April 15, 2020 at 14:00

Note: The assignments are from the CNX online textbook by Rupinder Sekhon. In each section, some problems have given solutions. You can treat them like the (*) problems on the previous homework sets to test your understanding and to practice.

1. Chapter 12, Problem 2 and Problem 6 from "Combinations"

2. Chapter 12, Problem 2 and Problem 6 from "Combinations involving several sets"

3. Chapter 14, all unanswered questions from Problems 7–12 and from Problems 17–20 of "Sample spaces and probability"

4. Chapter 14, Problem 8 from "Mutually exclusive events and the addition rule"

5. Chapter 14, all unanswered questions from Problems 1–4 and from Problems 9–12 of "Calculating probabilities using tree diagrams and combinations"

6. Chapter 14, all unanswered questions from Problems 1–4 and from Problems 9–12 of "Conditional probability"