

Final Practice Problems

These are a collection of suggested practice problems for the second midterm exam. They are mainly taken from the text book. Please refer to <https://www.slader.com/textbook/9780495110811-mathematical-statistics-with-applications-7th-edition/> for solutions.

- **Chapter 2** (supplementary exercises) 2.143, 2.146, 2.153, 2.155, 2.170, 2.172
- **Chapter 3** (supplementary exercises) 3.181, 3.185, 3.195, 3.197, 3.205, 3.208
- **Chapter 4** (supplementary exercises) 4.161, 4.165, 4.168 (not (c)), 4.168, 4.172, 4.182
- **Chapter 5** 5.6, 5.7, 5.11, 5.24, 5.25, 5.34, 5.48, 5.50, 5.53, 5.74, 5.79, 5.82, 5.93, 5.97, 5.103, 5.141
- **Chapter 6.3** 6.2, 6.4, 6.5, 6.16, 6.20
- **Chapter 7** 7.42, 7.46, 7.47, 7.55, 7.59
- **Chapter 8** 8.8, 8.6, 8.12, 8.14, 8.22, 8.43, 8.44, 8.80, 8.84, 8.105, 8.109, 8.111, 8.124
- **Chapter 9** 9.19, 9.21, 9.30, 9.34, 9.39, 9.40, 9.42, 9.69, 9.72, 9.74, 9.80, 9.83, 9.84, 9.89, 9.96, 9.104