Homework due **Nov 12 Wed**. Problems with \* are recommended but not required.

- Reading: Textbook<sup>1</sup> Chapter 6.3, 7.1, 7.2.
- Hand-in Problems.

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Textbook Chapter 6.3, Exercises 2 (a) (b), 10 (c) (e).
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Chapter 7.1, Exercise 2, 6,

Chapter 7.2, Exercise 2 (b) (c).

- Not hand-in Problems: (choose one from the following two sets)
  - 1. Textbook Chapter 6.3, Exercises 1, 17, 19.

Chapter 7.1, Exercises 1, 3, 5.

Chapter 7.2, Exercises 1, 3, 4, 5, 7\*, 13\*.

(Part of these problems have been covered in class.)

2. SOA/CAS Exam P/1 Sample Questions<sup>2</sup>, 44 - 56 (expectation), 60 - 67 (variance). (Continuation from last week.)

 $<sup>^{1}</sup>$ Introduction to Probability, Second Revised Edition, Grinstead and Snell. See textbook website for solutions of odd-number exercises.

<sup>&</sup>lt;sup>2</sup>SOA/CAS Exam P/1 Sample Questions. See course website for samples and solutions.