Homework due **Oct 15 Wed**. This time **no need to hand in homework in class**; instead I will post solutions on Oct 15 Wed. Problems with $*$ are recommended but not required.

- Reading: Textbook[1] Chapter 4.2.

- Hand-in Problems (no hand-in this time): You may give your final results in terms of factorials and combinatorial numbers. No need to use calculator.

  Textbook Chapter 4.2, Exercises 2, 4, 6.

- Prepare midterm exam (Oct 17 Friday in class). The midterm exam is based on Chapters 1–4, hand-in homework problems, and Quiz 1.

- Not hand-in Problems: (choose one from the following two sets)

  1. Textbook Chapter 4.2, Exercises 1, 3, 5.
  2. SOA/CAS Exam P/1 Sample Questions[2], 33 – 36, 38 – 41, 43.

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[1] *Introduction to Probability, Second Revised Edition*, Grinstead and Snell. See textbook website for solutions of odd-number exercises.

[2] SOA/CAS Exam P/1 Sample Questions. See course website for samples and solutions.