The first prelim is **Friday, September 30, in class**. The prelim covers the course lectures through Wednesday, September 21 (i.e., up through the basic notation and operations for working with sets). The material on counting will be the subject of Problem Set 4 (to be handed out after the prelim), and it will be covered on the second prelim later in the semester. in the book, the coverage of the first prelim corresponds roughly to Sections 1.1 – 1.7, 2.4 – 2.6, 3.1, 3.3 – 3.5. The prelim will be closed-book, closed-notes.

The questions below from the book are meant to help in studying for the prelim. The questions are not meant to be handed in, and solutions to them will not be handed out. You can use office hours the week before the prelim to discuss these questions with us, as well as any other questions you have in studying for the prelim.

The review questions:

- Rosen Section 1.1 #23; Section 1.3 #15; Section 1.4 #27.

- Rosen Section 3.3 #5, #21, #29.

- Rosen Section 2.4 #43; Section 2.5 #23.