

The following problems will be relevant for your writing quiz on Thursday, 11/3/16.

**Skill / Computational Problems.** These problems are not handed in or graded, and do not involve enough writing to be the basis of a writing quiz, but are a good way to check that you understand the concepts used in the writing problems.

- Section 3.1: 9, 14, 17 (plus any other induction proofs until you're comfortable with the method)
- Section 3.3: 3,4(e, g, l, m, n)

**Writing Problems.** Your writing quiz on Thursday will be based on the problems below. A problem on the quiz could appear exactly as stated in the book, or it could be a slightly modified version of a problem below.

- Section 3.1: 24
- Section 3.2: 7
- Section 3.3: 5. Similarly, if  $\ell = \inf S$ , prove  $\ell \in S$  iff  $\ell = \min S$ .

Notice that exercises with a star have answers or hints in the back of the book. If those problems are assigned, use the back of the book to check your work. If a similar problem is assigned, you can do the starred problem to check whether you understand the concepts.