1. Do problems from chapter 6: 24b, 25, 26, 29, 31
2. Do problems from chapter 6: 27, 28, 34
3. Write a problem and its solution which uses derangements.
4. Write a word problem and its solutions which comes down to counting forbidden positions of the type in chapter 6.5.

The grader will pay special attention to 27 and 31, so you should write these up more carefully. Don’t just give an answer, but explain.