

## Math 1, Lecture 3: Homework Week 5

1. Monday's Lecture: Read Section 3.4 and do exercises 3.4.13, 3.4.18, 3.4.21, 3.4.23, 3.4.27, 3.4.32, 3.4.40, and 3.4.42.
2. Wednesday's Lecture: Read Section 3.5 and do exercises 3.5.6, 3.5.10, 3.5.15, 3.5.17, 3.5.20, and 3.5.21.
3. Friday's Lecture: Read Section 4.1 and do exercises 4.1.3, 4.1.7, 4.1.9, 4.1.19, 4.1.24, 4.1.28, 4.1.32, and 4.1.37.

NB: 4.1.37 is a famous example. Take a look at the wikipedia page for "wheat and chessboard problem" for the (probably apocryphal) origin story and some appearances in popular culture.