

MATH 3340: Abstract Algebra

## Problem Set 5

*Due Wednesday, March 4, 2020*

You are allowed to work in groups, but the solutions you hand in should be written by you only.

Instructions on how to hand in pset:

[https://gradescope-static-assets.s3-us-west-2.amazonaws.com/help/submitting\\_hw\\_guide.pdf](https://gradescope-static-assets.s3-us-west-2.amazonaws.com/help/submitting_hw_guide.pdf)

Cornell Libraries have free scanners, if needed:

<https://olinuris.library.cornell.edu/print-scan-wifi>

Read Sections 3.3, 3.4, in full , 3.7 up to and including Definition 3.7.5.

Suggested homework problems from Sec 3.4.: 8, 9, 10\*, 15

Suggested homework problems from Sec 3.7.: 3, 4\*, 7, 9, 14\*, 15

Only hand in the problems with a \*.