

Take-Home Final Assignment

Due Monday, May 11 at 1:50pm on Gradescope

Submission. To submit this assignment, please post it to Gradescope by 1:50pm on Monday, May 11. You do *not* need to type it — I expect most people will write it by hand, and then email me photos taken with a phone.

Assignment. The assignment is to pick two of the three final lectures of the class (May 4, May 6, and May 8), and to write a short exposition of each of those two lectures. You should have approximately 4–5 pages of exposition in total. You may need more than 4–5 pages if your handwriting is huge; that said I care more about quality of exposition than about length.

- Give the big picture point of the lecture, along with many of the relevant details (you can certainly choose other details to omit).
- Feel free to add some small extensions beyond what I discuss in class! If you add new content, I won't be as picky if you get some of the details wrong.
- Your exposition should be relatively professionally written, as if it were a short selection from a textbook.
- Please use complete sentences.
- Don't try to write this expository assignment during the lecture — that's not enough time. Instead, take detailed notes during class to clean up and expand upon afterwards.
- I likely won't be posting my class lecture notes for the week of May 4–8, but the class recordings will be available on Canvas.
- Feel free to ask any questions you have about this assignment or about the relevant lectures on our Canvas discussion board! I'll be attentive about answering questions there.
- If you have a different topic related to abstract algebra that you are interested in writing a 4–5 page exposition about, that is totally fine! Just run the planned topic by me first before writing it.