

18.781 - S26: Homework 3

Due: 11:59pm, Sunday April 5

- This pset covers section 3.1 and 3.2.
- You should type your homework (preferably in TeX) and upload the pdf file on the Gradescope.
- Attempt to solve each part of each problem yourself first. You can work together afterwards, but you **MUST** write up your own solutions. You are also encouraged to read and comment each other's proofs. If you do work with others, please list them at the end of the problem set. You can also find pset partners through psetpartners.mit.edu and use the Math Learning Center and my office hours for extra help.

§3.1 # 6, 7(a)(c), 10, 12, 15(H)¹, 23

§3.2 # 6, 8, 9, 11

¹(H) means “Hard”.