

MATH 2050C Mathematical Analysis I

2022-23 Term 2

Problem Set 1

due on Jan 20, 2023 (Friday) at 11:59PM

Instructions: You are allowed to discuss with your classmates or seek help from the TAs but you are required to write/type up your own solutions. You can either type up your assignment or scan a copy of your written assignment into ONE PDF file and submit through Gradescope on/before the due date. Please remember to write down your name and student ID. **No late homework will be accepted.** All the exercises below are taken from the textbook.

Required Readings: Chapter 2.1

Optional Readings: none

Problems to hand in

Section 2.1: Exercise # 2, 8, 11, 23

Suggested Exercises

Section 2.1: Exercise # 1, 4, 6, 7, 10, 12, 16, 18, 19, 20, 22, 25

Challenging Exercises (optional)

Section 2.1: Exercise # 9, 21