

**CS 2022/ MA 2201 Discrete Mathematics**  
**A term 2020**

**Homework 2, due Monday, September 14**

READING: Chapters 1, 2, 3.

1. Exercise 26 on page 132. (20 points)
2. Exercise 26 on page 145. (20 points)
3. Exercise 20 on page 162. (20 points)
4. Exercise 32 on page 179. (20 points)
5. Show that the set of integers that are *not* multiples of 3 is a countable set. (20 points)