

## ASSIGNMENT 8

DMC (Discrete Mathematics and Computing) is the textbook. Problems are also available on the class website.

**Always show your work and explain your reasoning.**

**Problem numbers refer to the version of the chapter problems on the course webpage.**

### Practice

- (1) DMC Problem 18.16
- (2) DMC Problem 19.1
- (3) DMC Problem 19.4
- (4) DMC Problem 20.1
- (5) DMC Problem 20.9
- (6) DMC Problem 21.3

### Recitation Lab (TA will work these out in lab)

- (1) DMC Problem 18.20(a)
- (2) DMC Problem 19.9
- (3) DMC Problem 19.14
- (4) DMC Problem 19.37
- (5) DMC Problem 19.57
- (6) DMC Problem 20.7
- (7) DMC Problem 20.21
- (8) DMC Problem 21.36

### Problems (hand these in)

- (1) [10] DMC Problem 19.17 or DMC Problem 19.20
- (2) [10] DMC Problem 19.21 or DMC Problem 19.22
- (3) [20] DMC Problem 19.38 or DMC Problem 19.49
- (4) [20] DMC Problem 20.11 or DMC Problem 20.12
- (5) [20] DMC Problem 20.15 or DMC Problem 20.23
- (6) [20] DMC Problem 20.20(j) or DMC Problem 21.39