

Discrete Math Homework 11

Due Wednesday, April 5 at the beginning of class

General instructions:

- Use standard size paper (8.5 by 11).
- Answer each question in order using a single column.
- Be neat. If we cannot read your solution it is wrong.
- Show your work. If you just write an answer, you will get minimal credit even if the answer is correct.

Rosen section 5.4

Question A) Rosen 5.4 Exercise 12 (p. 370)

Question B) Rosen 5.4 Exercise 46 (p. 371)

Rosen section 6.1

Question C) Rosen 6.1 Exercise 4 (p. 396)

Question D) Rosen 6.1 Exercise 8 (p. 396)

Question E) Rosen 6.1 Exercise 12 (p. 396) Hint: You will need to use the sum rule.

Question F) Rosen 6.1 Exercise 16 (p. 396) Hint: You will need to use the sum rule.

Question G) Rosen 6.1 Exercise 18 (p. 396)

Question H) Rosen 6.1 Exercise 32 (p. 397)

Question I) Rosen 6.1 Exercise 44 (p. 397)

Question J) Rosen 6.1 Exercise 46 (p. 397)

Question K) Rosen 6.1 Exercise 48 (p. 398)

Question L) Rosen 6.1 Exercise 55 (p. 398)

You may choose to solve one (and only one) of the following Extra Credit Problems. If you submit more than one, only the first will be graded.

Extra Credit 1) Rosen 5.4 Exercise 48 (p. 371)

Extra Credit 2) Rosen 6.1 Exercise 66 (p. 398)