

Math 314-01 Discrete Mathematics

Spring 2015

Homework Assignments

Instructions

Complete all the problems in each section of the textbook as we go through them, as well as any other problems assigned in class. I will assign certain problems to be handed in; they will be due on the Monday of the following week. Although you may (and should) work together with your class mates, such cooperation should NOT include exchange of written material. The solutions you hand in have to be your own.

Use 8.5in x 11in paper with smooth borders. Write your name on top of each page.

Chapter 1

* Page 8-9: 1.2.8, 1.2.10, 1.2.13, 1.2.14, 1.2.17, 1.2.18

* Page 14-16: 1.3.2, 1.3.3, 1.4.1, 1.4.2, 1.5.4, 1.5.5, 1.5.6

* Page 20-21: 1.8.2, 1.8.5

* Page 22-24: 1.8.10, 1.8.16, 1.8.17, 1.8.25, 1.8.26, 1.8.29, 1.8.31, 1.8.34

Chapter 2

* Page 27-29: 2.1.1, 2.1.5, 2.1.9, 2.1.12

* Page 41-43: 2.5.1, 2.5.3, 2.5.4, 2.5.5, 2.5.7, 2.5.8.

Chapter 3

* Page 44-52: 3.1.1, 3.1.2, 3.2.3, 3.3.4, 3.4.2, 3.4.3, 3.6.2, 3.6.3

* Page 62-63: 3.8.4, 3.8.8, 3.8.9, 3.8.10, 3.8.12, 3.8.13

Chapter 4

* Page 68: 4.2.1, 4.2.2, 4.2.3

* Page 74-75: 4.3.12, 4.3.13

Chapter 5

* Page 78: 5.1.4, 5.1.5

* Page 80: 5.2.1, 5.2.5,

* page 84: 5.4.1, 5.4.2, 5.4.3, 5.4.4

Chapter 6

* Page 88: 6.1.3, 6.1.6

* Page 92: 6.3.4

* Page 100-103: 6.6.1, 6.6.2, 6.6.4, 6.6.5, 6.6.6, 6.6.11, 6.6.12

* Page 106: 6.7.1, 6.7.2

* Page 122-123: 6.10.13, 6.10.14, 6.10.17, 6.10.18, 6.10.23

Chapter 7

* Page 129: 7.1.1, 7.1.2, 7.1.4, 7.1.5

* Page 131-134: 7.2.2, 7.2.3, 7.2.5, 7.2.11

* Page 140: 7.3.4, 7.3.8, 7.3.12

Chapter 8

* Page 147: 8.3.1, 8.3.2

* Page 149-150: 8.4.1, 8.4.2

* Page 155: 8.5.1, 8.5.4, 8.5.6,

Chapter 9

* Page 164: 9.2.5

From:

<https://www2.math.binghamton.edu/> - **Binghamton University Department of Mathematical Sciences**

Permanent link:

<https://www2.math.binghamton.edu/p/people/grads/ding/teach/314s15hm>

Last update: **2015/04/18 22:01**

