

University of Illinois at Chicago
Department of Computer Science

Midterm Practice Exam

CS 151 Mathematical Foundations fo Computer Science
Fall 2012

Thursday, October 18, 2012

Review material from Rosen: Chapter 1 and Chapter 5

Relevant example problems from Rosen:

1. Ch 1.1, Ex 13, 27, 35
2. Ch 1.2, Ex 9
3. Ch 1.3, Ex 23, 61
4. Ch 1.4, Ex 7, 15, 23, 41
5. Ch 1.5, Ex 11, 13, 27, 37
6. Ch 1.6, Ex 15
7. Ch 1.7, Ex 15, 17, 29
8. Chapter 1 Supplementary, Ex 23, 31
9. Ch 5.1, Ex 5, 19, 39,
10. Ch 5.2, Ex 7, 17
11. Ch 5.3, Ex 27, 29, 35*