

CS 1155: Understanding and Constructing Proofs

Spring 1999

Home work 2 // Due: Friday, April 16, 1999

1. (10 points) Prove the distributive law 3(a), page 34 of the text.
2. (10 points) Exercises 1.4, problem 13 (a), (b), (d), (e), and (f) page 39 of the text.
3. (5 points) Exercises 1.5, problem 9, page 48 of the text.
4. (10 points) Exercises 1.5, problem 13 (a), (b), (c), (d), and (e), page 49 of the text.
5. (10 points) Exercises 1.7, problem 6 (a), (b), (c), and (d), page 65 of the text.
6. (10 points) Exercises 1.7, problem 11 (a), (b), page 65 of the text.
7. (10 points) Exercises 1.7, problem 12, page 66 of the text.
8. (10 points) Exercises 1.7, problem 13, page 66 of the text.
9. (10 points) Exercises 1.7, problem 14, page 66 of the text.
10. (10 points) Exercises 5.5, problem 2 (a), (b), page 316 of the text.
11. (5 points) Exercises 5.5, problem 3 (b), page 317 of the text.