Problem Set 1

Resources. (Come with solved problems, Idea sheets will be submitted and 3 questions will be solved in class at random to be awarded full marks)

Names: ________________________________
Group: ______________________________

On my honor, I have neither given nor received any unauthorized aid on any portion of the academic work included in this assignment. Furthermore, I have disclosed all resources (people, books, web sites, etc.) that have been used to prepare this homework.

Signature: ________________________________

Problem 1. Section 1.1, Exercise 10 c), e), g), and h) on page 13
Solution.

Problem 2. Section 1.1, Exercise 14 c), d), e) and f) on pages 13–14
Solution.

Problem 3. Section 1.1, Exercise 32 d) and f) on page 15
Solution.

Solution.

Solution.

Problem 6. Section 1.3, Exercise 10 a) and d), page 35
Solution.

Problem 7. Section 1.3, Exercise 44, page 36 (Find the definition of “functionally complete” on page 35).
Solution.

Problem 8. Section 1.4, Exercise 30, page 54
Solution.

Problem 9. Section 1.4, Exercise 36, page 55
Solution.

Problem 10. Section 1.5, Exercise 28 a), b), f), i), and j), page 67. Explain.
Solution.