

Homework 2, Due Wednesday, January 23, 2008

Problem 1:

Section 1.3, Problem 24. (Fifth edition, Section 1.3, Problem 22).

Problem 2:

Section 1.3, Problem 50. (Fifth edition, Section 1.3, Problem 46).

Problem 3:

Section 1.3, Problem 60. (Fifth edition, Section 1.3, Problem 56).

Problem 4:

(Both editions) Section 1.4, Problem 14, a, c, e, g.

Problem 5:

(Both editions) Section 1.4, Problem 24 a, b, d.

Problem 6:

(Both editions) Section 1.4, Problem 32, b, c.

Problem 7:

Section 1.4, Problem 37, b, d. (Fifth edition, Section 1.4, Problem 35, b, d).

Problem 8:

Section 1.5, Problem 4, a, c, e. (Fifth edition, Section 1.5, Problem 2, a, c, e).

Extra Credit 9:

Page 107, Exercise 11. (Fifth ed., Page 115, Exercise 9). Justify your answer using the propositional calculus.