Artificial Intelligence	Homework 3
CS430 Fall 2003	Due Monday October 20

1   PEAS for WUMPUS (10 points)

Work problem 7.1 in the textbook.

2   Logical Inference for WUMPUS (10 points)

Work problem 7.2 in the textbook.

3   Validity and Satisfiability (16 points)

Work problem 7.8 in the textbook. You will need to review the definitions of validity and satisfiability. A sentence is valid if it is true for every row of the truth table (i.e., for every possible assignment of true values to the proposition symbols in the sentence). A sentence is unsatisfiable if it is false for every row of the truth table.