

## CSci 3501 Assignment 5

Due Fri., Oct. 13 in class

**Problem 1. (12 points)** Sipser, exercise 1.4 c, e, g on p. 83 (for these problems make sure to construct the automata for the two simpler languages first).

**Problem 2. (4 points)** Sipser, exercise 1.5 c, g on p. 84.

**Problem 3. (15 points)** Sipser, exercise 1.6 a, d, e, i, m, n on p. 84.