1. Sipser 1.21 (b). Calculate regular expression from a finite automaton.

2. Sipser 1.28 (b). Calculate an NFA from a regular expression. This problem was accidentally repeated from the last assignment. You may omit this problem.

3. Sipser 1.46 (a). Language is not regular.

4. Sipser 1.46 (c). Language is not regular.