Assignment 12 Christopher Chapline

Problem 1

Part a

The language of strings of zero or more a's.

Part b

The language consisting of strings of at least two or more a's and b's.

Part c

The language consisting of strings with an odd number of a's.

Part d

The language consisting of strings of one or more a's followed by one or more b's.

Problem 2

 $S \to abcS$

 $S \to \epsilon$

Problem 3

 $S \to aA$

 $A \to aaA$

 $A \to \epsilon$