

CS 341, Spring 2009  
Solutions for Quiz 1, Day Section

- (a)  $ab, aab, abb, aaab, aabb, abab$

(b)  $A$  is not closed under  $f$ . For example, the string  $abb \in A$ , but  $f(abb) = bb \notin A$ .

(c) A DFA for  $A$  is below:

