Alex Tulob HWH7 Prof. Cad 10/16/20 1) a) No because you can choose x= & y=a, Z=a pp. Then xy= EA b) No because you cannot guarantee the number of states in the DFA. Then the Pumping Lemma cannot be applied d) No belowse you can choose x= & y= a = z=b. Then xy= EA f) No because the string is not in the language. a) 5-0 asa 1 bAb b) 50 A a Aa Aa A A-1> b A I a A I E 5 - D 656 | 656 | G56 | 656 | b 5-12 (156/2 e) 5-12 asblasala