

# Quiz 5 Practice

Date: November 14, 2019

**Name:**

1. (40 points) Consider the regular expression  $n\Sigma^*e^+$ 
  - (a) (20 points) Draw a state machine that implements this regular expression. Label your states with numbers or letters, and label the accepting state.

- (b) (20 points) We will run the text string *eeny meeny miney moe* through your state machine. I have split the string up into individual characters below. For each character, label what state your FSM is in, and label the accepting state.

<b>Character</b>	e	e	n	y		m	e	e	n	y		m	i
<b>State</b>													

<b>Character</b>	n	e	y		m	o	e
<b>State</b>							