

ECE 322

Fall 2017

Quiz 1 (10/11/2017)

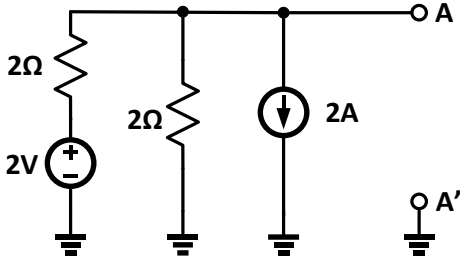
Duration: 20 minutes.

Good Luck!

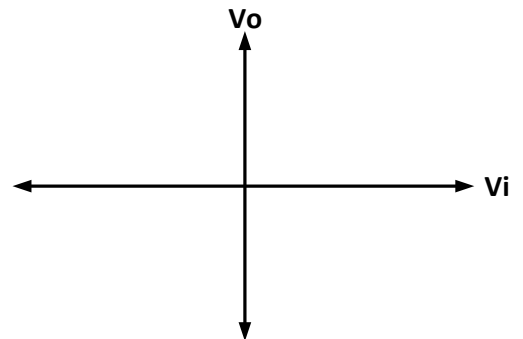
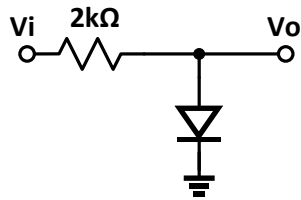
Name \_\_\_\_\_

Score \_\_\_\_\_

Q1 (10pts): Write the Thevenin's equivalent circuit across terminal A – A'



Q2 (10pts): Plot the input output characteristics of the following circuit. Note: in the forward bias region, the diode drop is 0.7V.



Q3 (10pts): Find the voltage at node 'Vo' for the circuit below. Assume ideal diodes.

