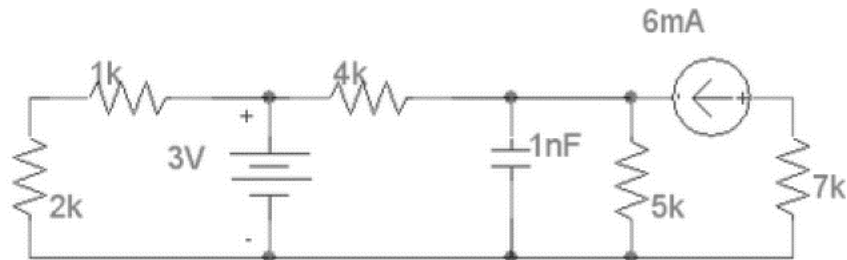


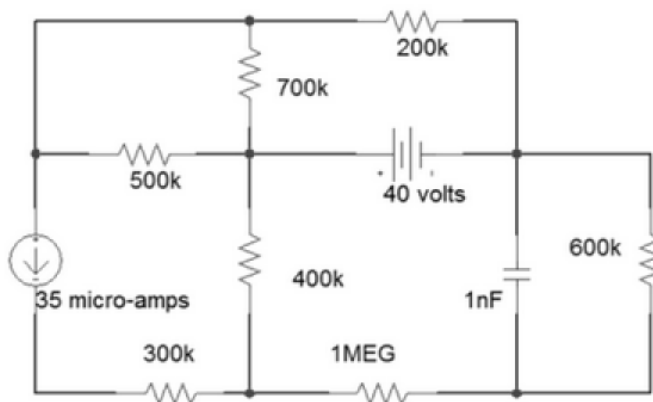
Tutorial 1

31/07/2015

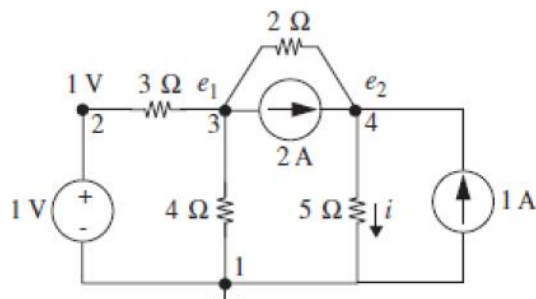
Q1: Find the Thevenin equivalent circuit with respect to the capacitor



Q2. Find the Thevenin equivalent with respect to the 1nF capacitor. You must use super-position to find V_{th} , the Thevenin voltage.



Q3. Determine the current i through the 5 ohm resistor in the circuit in figure using node method .



Q4: Find the i) Norton- equivalent circuit and ii) Thevenin-equivalent circuit for the circuit given below

