Problem set 2
Due September 22, 5:00pm, box in Cory 240

1. Malvino problem 1-17
2. Malvino problem 1-27
3. Malvino problem 1-22
4. Malvino problem 1-34
5. Plot the voltage vs time for a 1 microfarad capacitor charged initially to 20 volts, discharging through a 1 kΩ resistor
6. If you have a 1 microfarad capacitor charged up to 10 volts, and it is attached in series to an initially uncharged 2 microfarad capacitor through a 2 kΩ kilohm resistor, what does the voltage end up being across the capacitors after a long time? (all three devices are attached in series)