

Print Names in Team: _____.

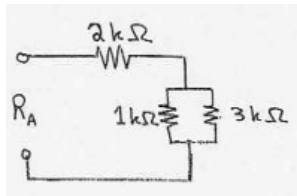
PHYSICS 232

MISSION 4: CIRCUITS

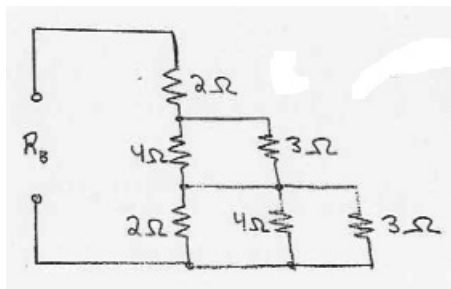
Please work each problem in the white space provided. Attach additional sheets if necessary. Print this one-sided and staple in the top left corner with a metal staple once complete. Each team turns in one document.

Problem 22 Find the equivalent resistance to each network of resistors pictured below:

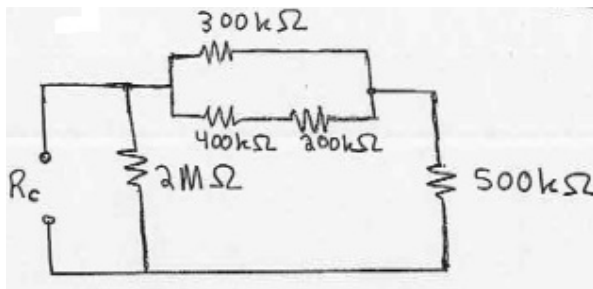
(a.) .



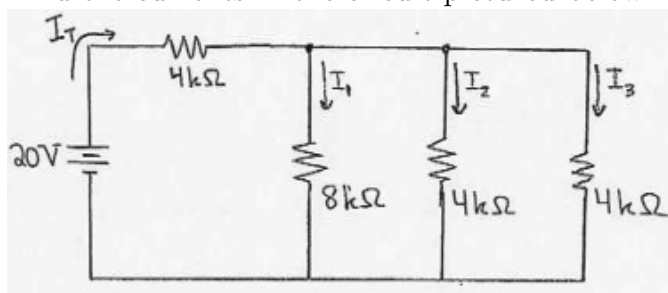
(b.) .



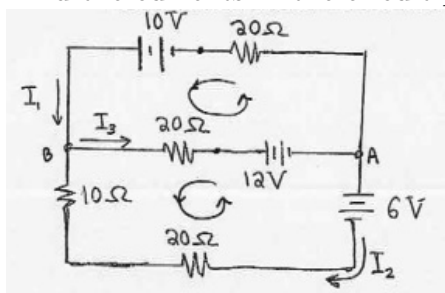
(c.) .



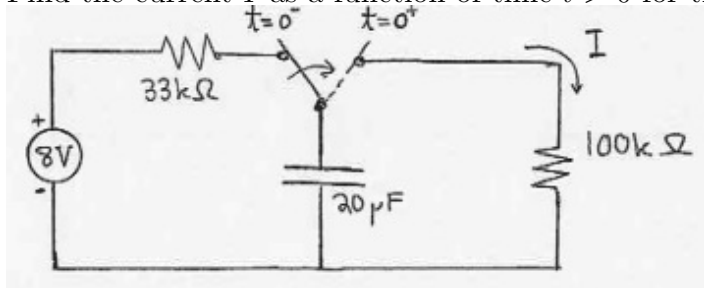
Problem 23 Find the currents in the circuit pictured below:



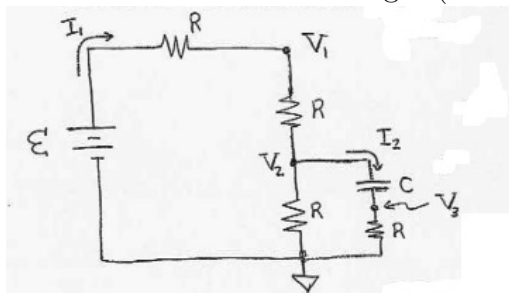
Problem 24 Find the currents in the circuit pictured below:



Problem 25 Find the current I as a function of time $t > 0$ for the circuit below:



Problem 26 Find the currents and voltages (measured relative to the ground) in the circuit below:



Problem 27 Find the currents and voltages (measured relative to the ground) in the circuit below:

