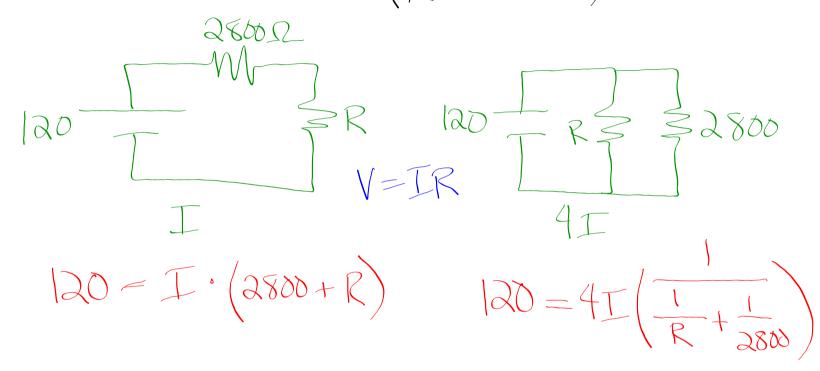
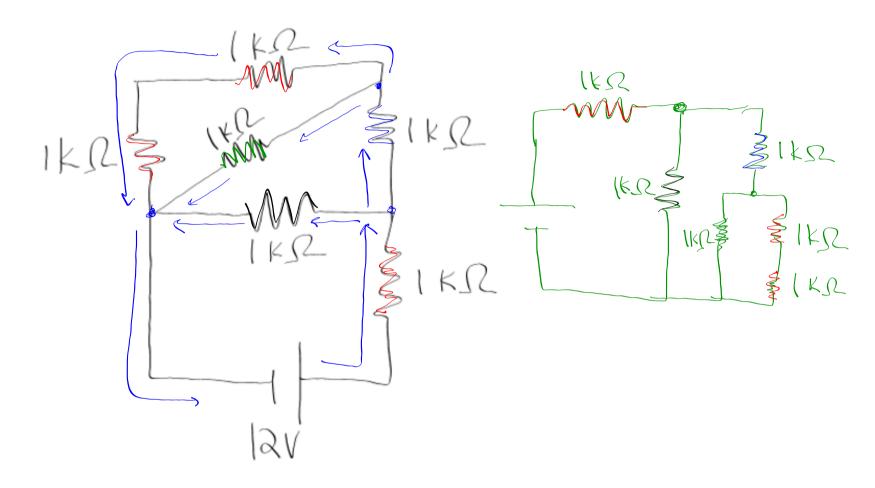
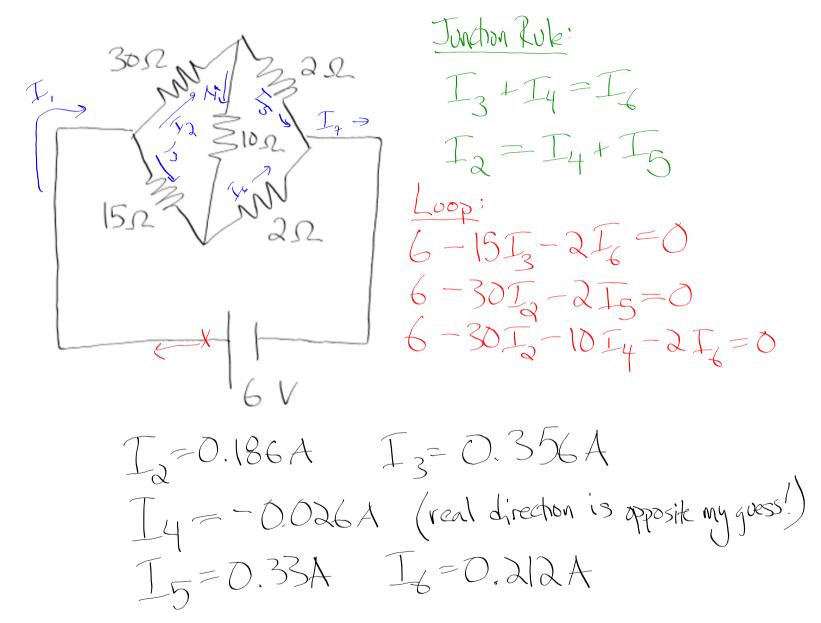
1. Two resistors when connected in series to a 120V power source draw one-fourth the current that is used when they are connected in parallel. If one resistor is 2.8 kOhms, what is the resistance of the other? $(R = 2800 \Omega)$



2. What is the net resistance of the circuit below? $(R = 1625 \Omega)$



Determine the current through each of the resistors in the circuit below.



4. Determine I1, I2, and I3 in the circuit below.

