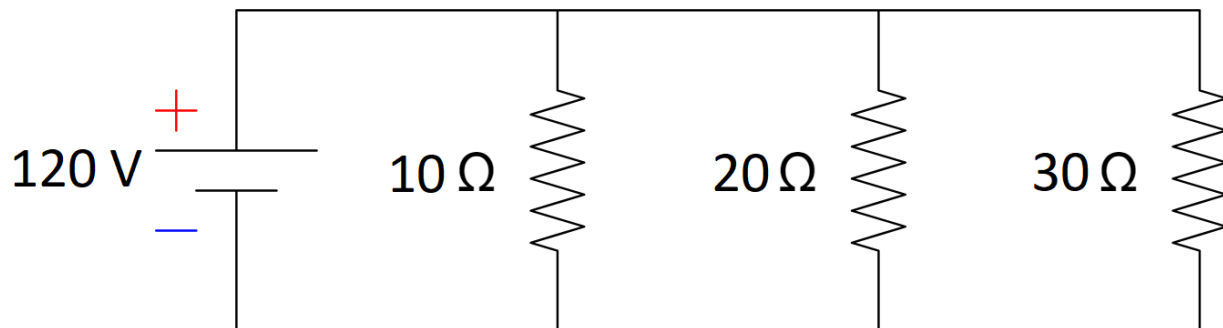


Problem 1: Why is it important to coat electrical wires with PVC (Polyvinyl chloride)?

Problem 2: How will you compare electric force with gravitational force?

Problem 3: Find the current that is drawn by a light that has a resistance of $50\ \Omega$ when connected to a 150-V circuit.

Problem 4: Find the total resistance of the circuit below.



Problem 5: How is an electric field different from a magnetic field? Explain your answer.