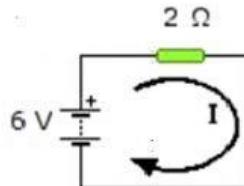


Ohm's Law Workshop

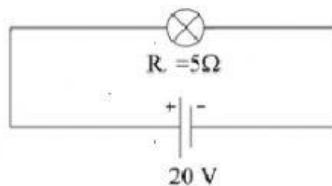
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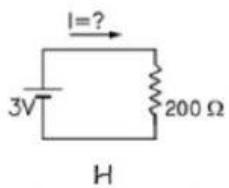
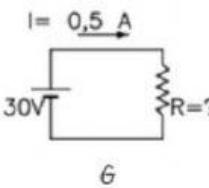
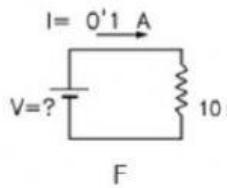
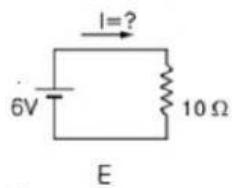
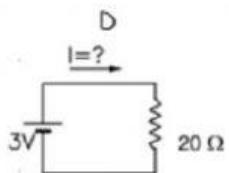
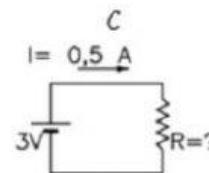
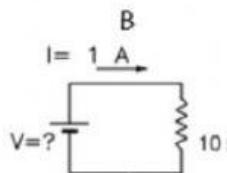
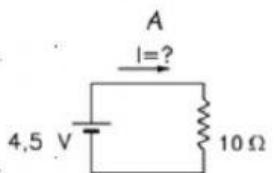
1. A circuit that has a 6-volt battery generates a current that passes through a 2-ohm electrical resistance. What is the value of the intensity of the current that passes through the resistance?



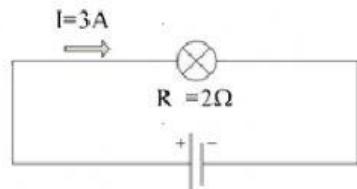
2. In the following exercise, find the intensity of the current that passes through a bulb whose resistance is 5 ohms, knowing that the battery has a voltage of 20 V.



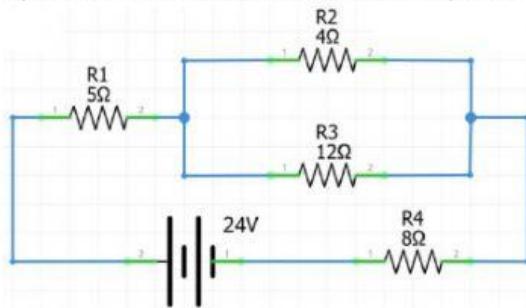
3. Given the following circuits, calculate the unknown quantities by applying Ohm's law.



4. In the circuit in the figure, find the battery voltage that you need to pass a current whose intensity is 3 A through a light bulb that has two ohms of resistance.



5. From the following graph, determine the value of the intensity of this same



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