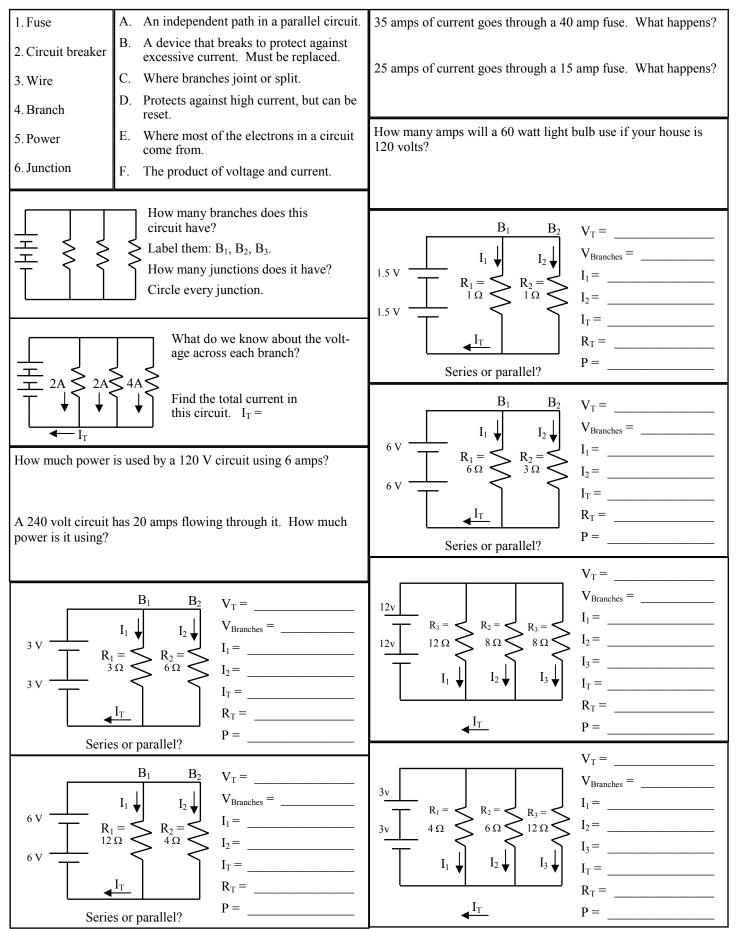


electrons can move.

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Name: Period: Period:



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Period:

Starting circuit: One battery, 2 light bulbs in parallel; switch.	Circuit 3: Battery, light bulb, switch, variable re- sistor (called a potentiometer).
What is the voltage across the battery? What is the voltage across light bulb 1?	Turn the resistor back and forth. How does it work?
What is the voltage across light bulb 2?	When the light is bright, is the there a lot of resistance or a little resistance?
Circuit 2: Two batteries, 2 light bulbs in parallel; switch.	
What is the voltage across the battery?	Name three devices in your life that use potenti- ometers.
What is the voltage across light bulb 1? What is the voltage across light bulb 2?	When a potentiometer turns an device