



"I told you nylon carpets were a mistake."

Questions on Circuits

1. The bridge between a negative area and a positive area is called a _____
2. If there is no resistance, would electrons move fast or slow across the answer to #1?

3. What might happen to the bridge or circuit) if the electrons go across too quickly?

4. If the electrons are used to heat a filament in a bulb, what will the bulb do?

5. When we limit the number of electrons that can cross over the circuit, what are we giving it? _____
6. When electrons move through a circuit if they collide with an atom along the way, this slows them down or even _____
7. When #6 happens, what happens to the electrons? _____

8. Explain how an electric circuit works by comparing it to a garden hose. _____

9. In an electrical circuit—do electrons move from the positive pole to the negative pole or from the negative to the positive? _____
10. What kind of energy does a light bulb change electrical energy into? _____
and _____ energy.