1. The flow of electricity from one place to another is called ________________________________.

2. A closed path that allows electrical energy to flow is called a(n) ________________________________.

3. Gold, silver, copper, and aluminum are __________________________, which are materials that electricity can easily flow through.

4. True or False: Solutions that have salts dissolved in water can conduct an electric current. __________

5. Wood, plastic, rubber, and glass are ________________________________, which are materials that electricity cannot easily flow through.

6. Describe the energy transformations that occur in a circuit that includes a battery, wire, and an incandescent light bulb. _________________________________________________________________________
   _________________________________________________________________________

7. How can you determine if a circuit is a series circuit or a parallel circuit? ____________________________
   _________________________________________________________________________
   _________________________________________________________________________

8. What changes might you make to a circuit in order to slow the flow of electrical energy? _________________________________________________________________________
   _________________________________________________________________________

9. Many electronic devices use a(n) ________________________________, which contains all the circuit parts in a miniature form.

10. ___________________________ design electrical circuits for larger power grids and for all kinds of devices such as phones, televisions, robots, electric cars, and computers.