**PFC2 Chapter 12 Section 1 Guided Reading**

1. Electricity is the flow of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that carry energy from one place to another.
2. What is electric current?
3. An \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a complete path through which electricity travels.
4. What is the biggest difference between wires and water pipes?
5. Name one electric circuit found in the natural world.
6. What is a resistor?
7. To the right of each picture, draw its electrical symbol.  
   
8. Does the picture below represent a closed circuit or an open circuit? How can you tell?  
   