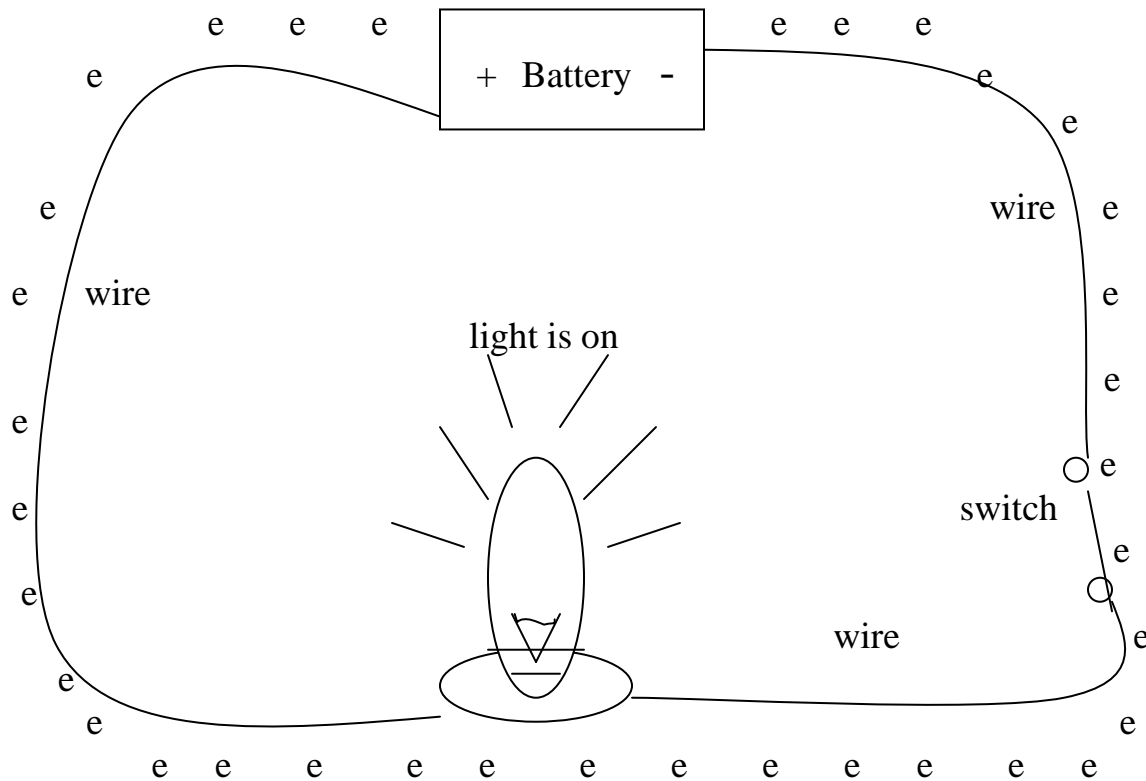
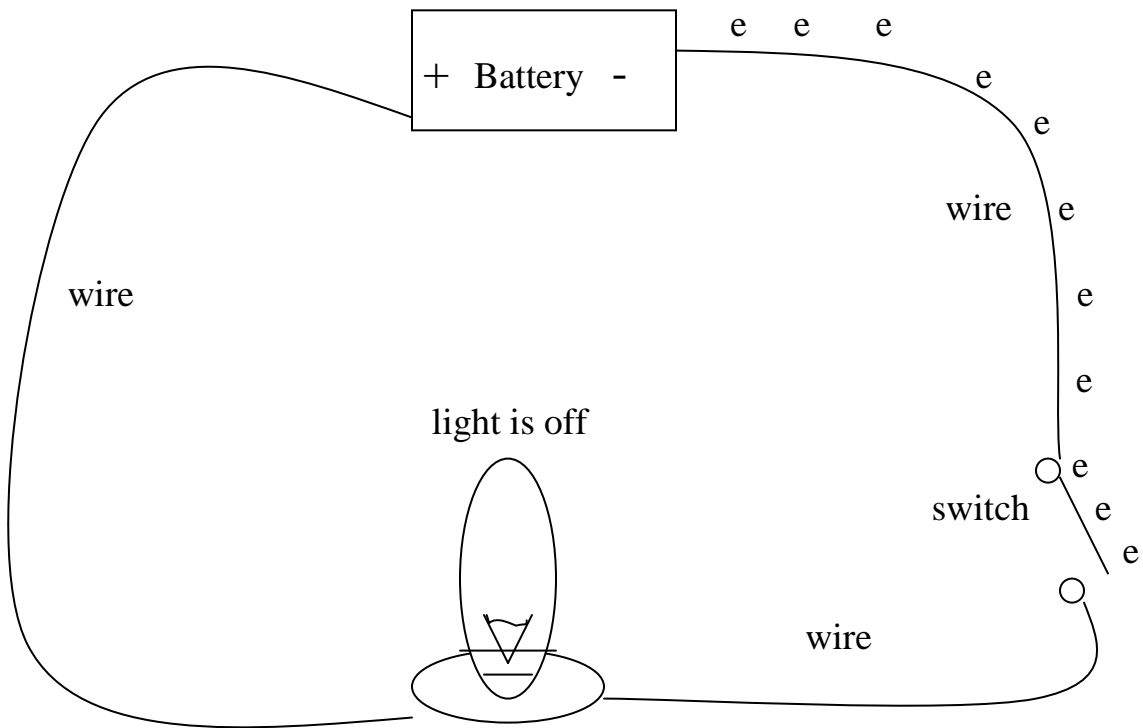


Name _____ Date _____

Electron Flow-Direct Current



Electrons carry electricity through wires (conductors). In the picture above the electrons carry electricity from the battery (power source) to the light (load) and back to the battery. The electron flow leaves from the negative side of the battery and comes back to the positive side of the battery. This type of electron flow is called direct current. In direct current the electron flow always goes from negative to positive in one direction. In the picture the switch is closed allowing the electrons to go through. If the switch was open the electrons could not flow through. The electrons would stop at the switch. See the picture on back.



Answer these questions.

1. What do electrons carry through wires? _____
2. From what side of a battery do electrons flow? _____
3. What side of a battery do electrons come back through? _____
4. What do you call it when electrons travel in one direction through a circuit?

5. Should a switch be opened or closed to allow electrons to flow to a load? _____