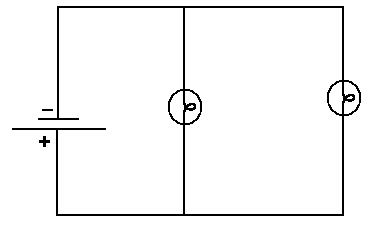
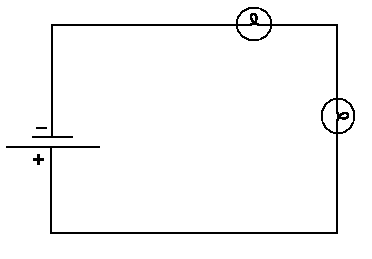
**DRAWING CIRCUITS ASSIGNMENT** **NAME:**

Look at the circuits below:





1. Which circuit do you think is a ***parallel circuit*** and which circuit is a ***series circuit***?

2. How are the two circuits different? Explain.

**Now, draw each of the circuits described, using proper circuit symbols.**

|  |
| --- |
| A battery running three lights and a motor in series. |
| Three batteries running two motors in parallel. |
| Two batteries running a light and a motor in parallel. Include a switch that controls only the motor. | |
| A battery running two light bulbs in series. Include an ammeter (symbol: ) that is used to measures current between the two bulbs. | |
| A battery running four light bulbs in parallel. Include switches that control each light bulb and a switch that controls all the lights at once. | |