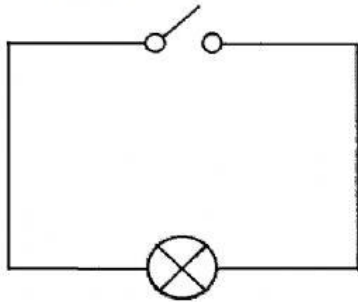


# Electric current and voltage

1. Drag and Drop the label for the Switch and the Lamp.

Switch  
Lamp

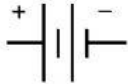


What needs to be done to the circuit to make the light come on? (pick all that apply)

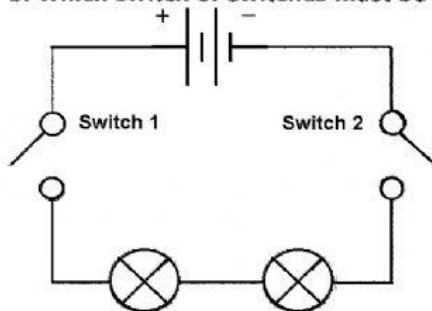
the bulb needs to be tightened the switch needs to remain open the switch needs to be closed  
a source of power must be added

Is this circuit series or parallel? \_\_\_\_\_

2. What component does this circuit symbol represent?



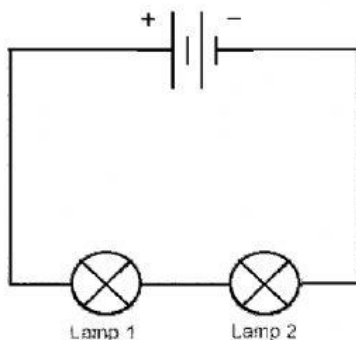
3. Which switch or switches must be closed to make the lamps light?



- ☐ only switch 1
- ☐ only switch 2
- ☐ switches 1 and 2

Is this circuit series or parallel? \_\_\_\_\_

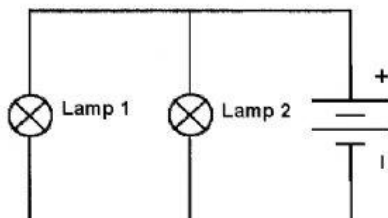
4. If lamp 1 is unscrewed from its holder, what will happen to lamp 2?



- ☐ It will get brighter
- ☐ it will go out
- ☐ it will stay the same brightness

Is this circuit series or parallel? \_\_\_\_\_

5. If lamp 1 is unscrewed from its holder, what will happen to lamp 2?



- ☐ It will stay lit
- ☐ it will go out
- ☐ It will get dimmer

Is this circuit series or parallel? \_\_\_\_\_