**Current Electricity**

(p.280)

**Current Electricity:**

**Joule (J):**

**Electric Cell:**

**Battery:**

**Electric Load:**

**The Circuit:**

**Parts of the Circuit:**

1. **The Source:**
2. **Conductor:**
3. **Switch:**
4. **Load:**

**Circuit Diagrams** (schematic diagrams)

**Table of Circuit Diagram Symbols**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Symbol | Part |  | Symbol | Part |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

A flashlight is an example of a very simple electric circuit. The flashlight shown consists of **wires** that connect the parts together, a cylindrical holder that contains two **D-cells**, a **light** **bulb**, and a **switch**.

Label which part is the:

* Conductor
* Load
* Switch
* Source

Make a circuit diagram (schematic diagram) for the flashlight.