How to Connect an Electric Circuit
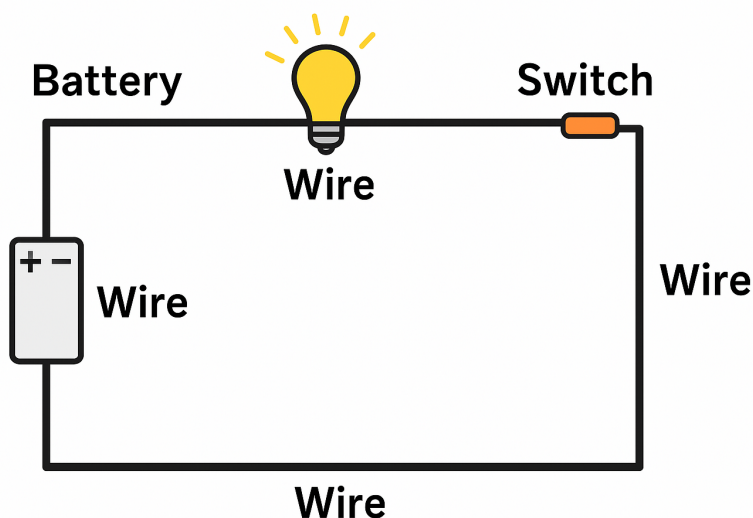
Step 1: Get your equipment You will need:

- a battery,

- two wires,

- a bulb,

- and a switch.

Step 2: Connect the battery to the bulb Connect one wire from the battery to the metal part at the bottom of the bulb.

Step 3: Connect the bulb to the switch Use another wire to join the bulb to the switch.

Step 4: Complete the circuit Join the switch back to the battery with another wire.

Step 5: Press the switch When you press the switch, the circuit will close, and the bulb should light up.

Battery   Switch

Wire

+ −

Wire

Wire

Wire

Questions

1. What are the four things you need for a simple circuit?

   👉 To make a simple circuit, you need...

2. Where do you connect the first wire?

   👉 The first wire goes from...

3. What does a switch do in a circuit?
   👉 A switch in a circuit...

4. What must happen for the bulb to light up?

   👉 For the bulb to light up, the circuit must...

5. Why might a bulb not light up even if the wires are connected?

   👉 A bulb might not light up because...