

Draw a circuit using proper symbols with  
 a 6V Battery  
 switch  
 2 bulbs 6V

A hand-drawn circuit diagram. On the left is a battery symbol with '6V' written next to it. A wire goes from the positive terminal to a switch, then to two bulbs connected in series, and finally back to the negative terminal of the battery.

Parallel circuit

Two hand-drawn diagrams of parallel circuits. The top diagram shows a battery labeled '1.5V' with '+' and '-' signs. A wire goes from the positive terminal to a switch, then splits into three parallel branches, each containing a bulb labeled 'A', 'B', and 'C' respectively. The wires then rejoin and return to the negative terminal. The bottom diagram shows a battery with '+' and '-' terminals. A wire goes from the positive terminal to a switch, then splits into three parallel branches, each containing a bulb. The wires then rejoin and return to the negative terminal.

Make a parallel circuit with 3 bulbs and a switch that only controls bulb "C".

A hand-drawn circuit diagram. On the left is a battery. A wire goes from the positive terminal to the first of three parallel branches, each containing a bulb. After the third bulb, the wire goes through a switch and then back to the negative terminal of the battery.

Build a combination circuit with 1 bulb in parallel and 2 bulbs in series. The switch should control the 2 series bulbs.

A hand-drawn circuit diagram. On the left is a battery. A wire goes from the positive terminal to a parallel branch containing one bulb. After this branch, the wire goes through a switch and then to two bulbs connected in series. Finally, the wire returns to the negative terminal of the battery.