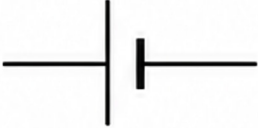


CIRCUIT SYMBOL AND COMPONENT CARDS

✂ Cut out the cards along the dotted lines.

Cell



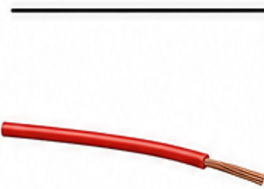
Provides electrical energy.

Battery



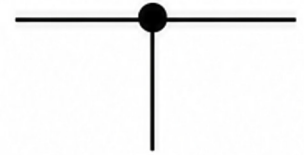
Two or more cells connected together.

Wire



Conducts electricity around a circuit.

Junction



Where two or more wires connect.

Lamp (Bulb)



Produces light when current flows.

Resistor



Limits or controls electric current.

Variable Resistor (Rheostat)



Adjusts the size of the current in a circuit.

Thermistor (NTC)



Resistance decreases as temperature increases.

Light Dependent Resistor (LDR)



Resistance decreases as light intensity increases.

Diode



Allows current to flow in one direction only.

LED (Light Emitting Diode)



Emits light when current flows in the forward direction.

Switch (Open)



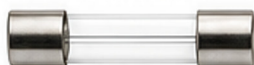
Breaks the circuit. No current flows.

Switch (Closed)



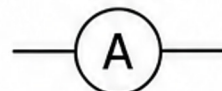
Completes the circuit. Current flows.

Fuse



Protects the circuit by breaking the current if it is too high.

Ammeter



Measures current in amperes (A).

Voltmeter



Measures potential difference in volts (V).