

Worksheet

Match a label to a circuit symbol and identify the component, symbol and unit.

Component	Symbol	Unit
Variable resistor		Ohm (Ω)
Resistor		Ohm (Ω)
Diode		Volts (V)
Cell		Volts (V)
Light bulb		Volts (V)
Power supply		Volts (V)
Variable resistor		Ohm (Ω)
Diode		Volts (V)
Cell		Volts (V)
Light bulb		Volts (V)
Power supply		Volts (V)
Variable resistor		Ohm (Ω)
Diode		Volts (V)
Cell		Volts (V)
Light bulb		Volts (V)
Power supply		Volts (V)

Changes how much current flows in a circuit	Allows you to change the resistance of a circuit	Measures how much energy each electron has (Voltage)
Measures how many electrons are flowing past (amps)	Converts electrical energy into light and heat	Provides electrons to flow in the circuit
Allows you to have two circuits in one cell	Only allows current to flow in one direction (one way)	