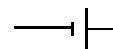
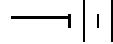
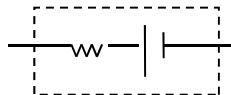
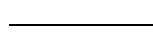


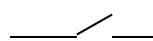
 Resistor, measured in Ohms (Ω)

 Cell, a source of voltage usually 1.5 V, ideal cells have no internal resistance

 Battery of cells (more than one) connected in series, voltage is sum of each cell

 Real cell with small internal resistance

 Wire

 Switch, open position, not operating

 Switch, closed position, operating

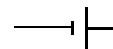
 Ammeter, placed in series, used to measure current

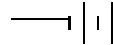
 Voltmeter, placed in parallel, measures potential difference

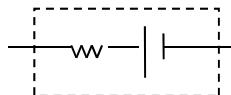
 AC voltage source, may be of any value

 Motor with internal resistor

 Resistor, measured in Ohms (Ω)

 Cell, a source of voltage usually 1.5 V, ideal cells have no internal resistance

 Battery of cells (more than one) connected in series, voltage is sum of each cell

 Real cell with small internal resistance

 Wire

 Switch, open position, not operating

 Switch, closed position, operating

 Ammeter, placed in series, used to measure current

 Voltmeter, placed in parallel, measures potential difference

 AC voltage source, may be of any value

 Motor with internal resistor