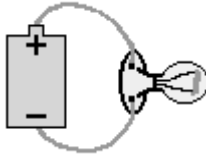


Science 10

Circuit Diagram Symbols Assignment



Using page 545, draw the symbols for each of the following.

- 1) cell
- 2) 3 cell battery
- 3) wall outlet
- 4) switch
- 5) fuse
- 6) push button
- 7) light bulb
- 8) clock
- 9) motor
- 10) resistor
- 11) ammeter
- 12) voltmeter
- 13) conducting wire
- 14) buzzer
- 15) bell

Draw a schematic diagram of the following circuits which include:

- a. 1 cell, conducting wire, a light bulb and a switch
- b. a battery, an electrical load, an electrical control device and connectors.
- c. 2 batteries, 2 electrical loads, an electrical control device and connectors.
- d. Three batteries are placed in a circuit to power a flashlight bulb.
- e. a circuit containing a battery, a switch, an electrical load and a voltmeter.
- f. a circuit containing a switch, a motor and a battery.
- g. a circuit containing 2 batteries, a switch and two motors.