

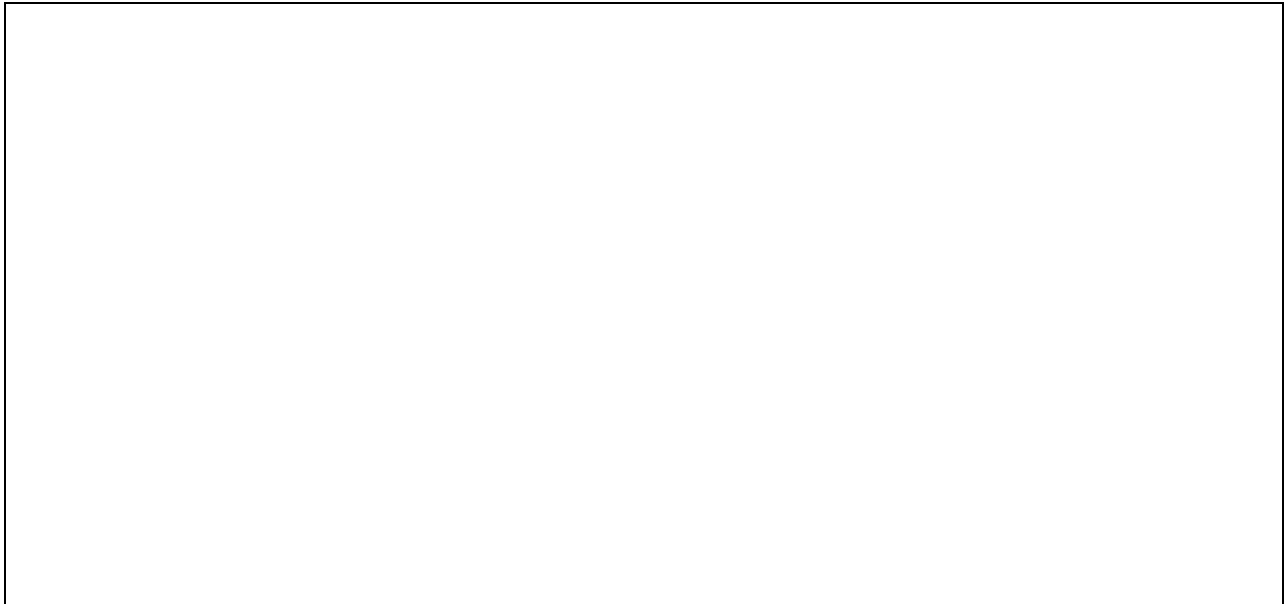
Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Drawing Electric Circuits

For each of the scenarios below, **draw** a circuit containing the elements required and indicate the **electrical functions** of each of these circuit elements:

- a) A battery, a light bulb, a switch, and connecting wires.



- b) A socket/outlet, a light bulb, a resistor, a switch, and connecting wires.



c) A breaker, a resistor, a light bulb, a battery and connecting wires.



d) A parallel circuit with 2 batteries, a motor, a switch, and a resistor.  
Include an ammeter and a voltmeter across the resistor.

