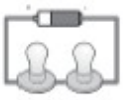
Name: _____
Date Started: _____ Date Completed: _____Score: _____

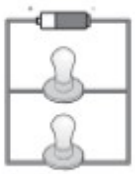
Learning Activity Sheet
Series and Parallel Circuits

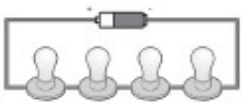
A. Instruction. Circle the letter of the correct answer.

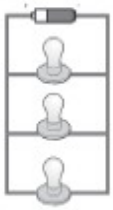
1. Which type of circuit consists of only one pathway for electric current?
   a. Open circuit
   b. Parallel circuit
   c. Series circuit
   d. Short circuit
2. There are three bulbs connected to one another in a parallel circuit. What will happen to the brightness of the bulbs if two more bulbs are added to the same circuit?
   a. All the bulbs will be busted.
   b. All the bulbs will be brighter.
   c. All the bulbs will be dimmer.
   d. All the bulbs will remain the same.
3. There are four bulbs connected to one another in a series circuit. What will happen to the rest of the bulbs if one bulb got busted?
   a. The rest of the bulbs will not light up.
   b. The rest of the bulbs will still light up.
   c. Only the bulbs farthest to the busted one will light up.
   d. Only the bulbs nearest to the busted one will not light up.
4. How can you lessen the brightness of the bulbs connected in a series circuit?
   a. Add more bulbs in the circuit.
   b. Use shorter conducting wires.
   c. Use thinner conducting wires.
   d. Add more batteries to the circuit.
5. Which type of circuit consists of more than one pathway for electric current?
   a. Open circuit
   b. Parallel circuit
   c. Series circuit
   d. Short circuit

B. Instruction. Analyze each illustration of the circuit below. Identify if it is a **series circuit** or a **parallel circuit**.

1. _____ 

2. _____ 

3. _____ 

4. _____ 

5. _____