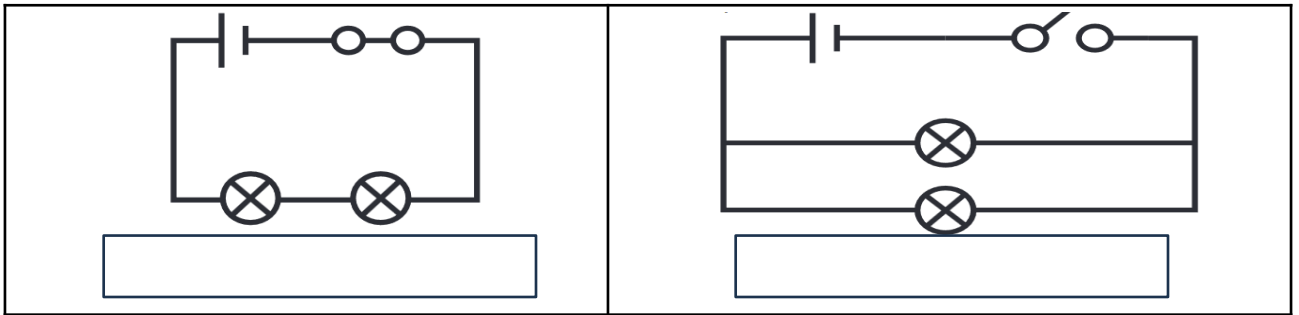


Name - \_\_\_\_\_

Start time - \_\_ : \_\_

End time - \_\_ : \_\_

Observe each diagram and label the circuit as open or closed.



Explain the difference between a series circuit and a parallel circuit. Provide one real-world example for each.

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Calculate the missing values using Ohm's Law.

1. If a circuit has a voltage of 12V and a resistance of 4 ohms, what is the current flowing through the circuit?

2. If a circuit has a current of 3A and a resistance of 6 ohms, what is the voltage across the circuit?