

Name - _____

Start time - __ : __

End time - __ : __

Define the terms "series circuit" and "parallel circuit."

Explain how series and parallel circuits differ in terms of wiring and component arrangement.

Provide an example of an everyday item that uses a series circuit and one that uses a parallel circuit.

Use Ohm's Law to calculate the current (I), voltage (V), or resistance (R) in the following scenarios:

a. $V = 12$ volts, $R = 4$ ohms

b. $I = 0.5$ amps, $R = 10$ ohms

a b c d e f g h i j k l m n o p q r s t u v w x y z