

Question 1: State Ohm's law?

Question 2: A 5 v source connects to a 10 ohms resistor. What is current?

Question 3: A 2.2 kohm resistor has 15 mA current passing through it. Find the value of connected voltage source.

Question 4: A circuit contains 12-volt battery connected to a light bulb having resistance of 5 ohms. Find the current.

Question 5: Two batteries, one of 3 V and other one of 12 V are connected in series to a resistor of 1 kohm. Find the current that will flow through the resistors.

Question 6: Two lamps, each having resistance of 3 ohms connect in series. What current will flow if a voltage source of 5 V is connected at input.

Question 7: How current changes in circuit for constant voltage, when resistance value increases?

Question 8: Certain resistance has 10 Amps current through it, when a 50 V source is applied. Find the value of resistance.

Question 9: A 5 V, 3 mA led connected to a 12 V source requires a series resistor of how many ohms?

Question 10: Find current supplied by 10 V source to two parallel resistors of 6 ohms?