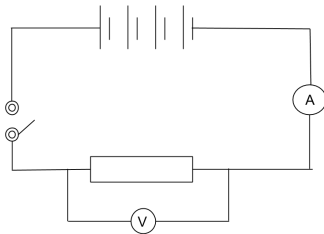


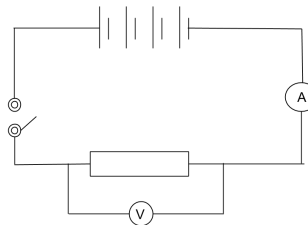
Ohm's Law Practice



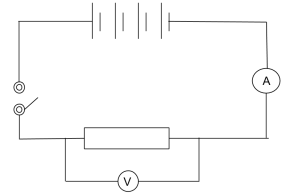
1 Find the value of the resistance when the voltmeter reads 9 Volts and the ammeter reads 0.5 Amperes.



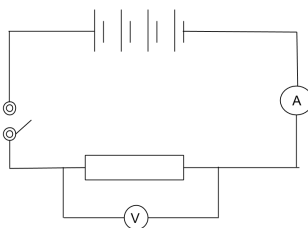
2. When the switch is closed the ammeter reads 2.5 Amperes and the voltmeter reads 10 Volts. Calculate the value of the resistor.



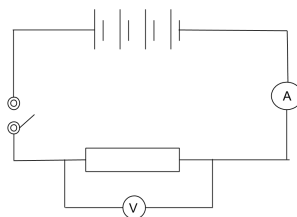
3 A resistor has a value of 100 ohms. Find the pd (voltage) across the resistor when the current is 0.05 A



4. Find the current reading on the ammeter when the pd across the resistor is 12 V. The resistor has a value of 20 Ohms.



5. The value of the resistor in the circuit is 1000 Ohms. The ammeter reading is 20 mA. When the switch is closed. Find the pd across the resistor.



6. A current of 60 mA creates a pd of 9V across the resistor. Find the value of the resistor.

