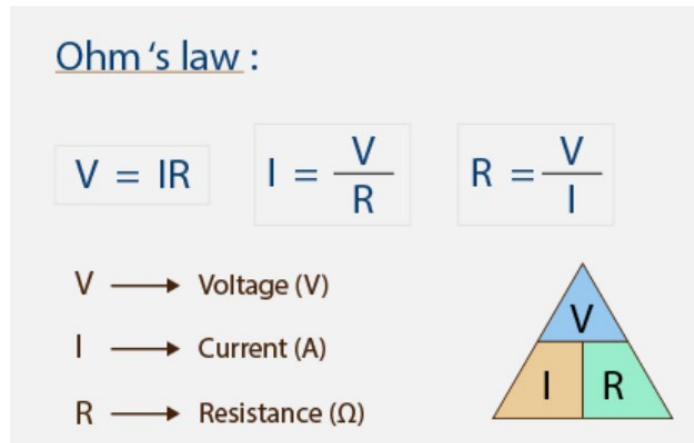


## FACT SHEET: LAW OF PHYSICS

### Ohms Law

Ohm's law states that the voltage is directly proportional to the current required to pass through a resistance in a circuit.



### Watt's law

Is the relationship between the work rate, voltage and current, therefore the power in a circuit is a product of the voltage and the current.

### Example:

Typical headlamp bulb rating of 65 watts, would require a fuse rated at a minimum of?

Calculation

- 65 watts divided by 12 volts = 5.4 amps
- This circuit would be protected by a 10amp fuse.

