

HINTS & TIPS

Ohm's LAW

This simple formula describes the relationship between voltage, current and resistance:

Voltage = Current x Resistance

or

$$V = I \times R \quad (\text{e.g. } 12V = 2A \times 6R)$$

Current = Voltage/Resistance

or

$$I = \frac{V}{R} \quad (\text{e.g. } 2A = 12V/6R)$$

Resistance = Voltage/Current

or

$$R = \frac{V}{I} \quad (\text{e.g. } 6R = 12V/2A)$$

Ohm's Law can be easily be remembered using the triangle below. Cover up the value you want to find then treat letters next to each other as multiplications, and letters above each other as divisions.



Rapid

We bring STEAM to life

www.rapidonline.com