

Calculating Current, Voltage and Resistance

Current is the product (result of multiplication) of voltage and resistance:

$$I = V \times R$$

Rearrange the equation to solve for voltage, V:

$$I = V \times R$$

Divide each side by R:

$$\frac{I}{R} = \frac{V \times R}{R}$$

$$V = \frac{I}{R}$$

Rearrange the equation to solve for resistance, R: