

OHMS LAW

P = Watts

Watts = Volts \times Amperes

Watts = Amperes² \times Ohms

Watts = $\frac{\text{Volts}^2}{\text{Ohms}}$

V = Volts

Volts = $\sqrt{\text{Watts} \times \text{Ohms}}$

Volts = $\frac{\text{Watts}}{\text{Amperes}}$

Volts = Ohms \times Amperes

I = Amperes

Amperes = $\frac{\text{Volts}}{\text{Ohms}}$

Amperes = $\frac{\text{Watts}}{\text{Volts}}$

Amperes = $\sqrt{\frac{\text{Watts}}{\text{Ohms}}}$

R = Ohms

Ohms = $\frac{\text{Watts}}{\text{Amperes}^2}$

Ohms = $\frac{\text{Volts}^2}{\text{Watts}}$

Ohms = $\frac{\text{Volts}}{\text{Amperes}}$

