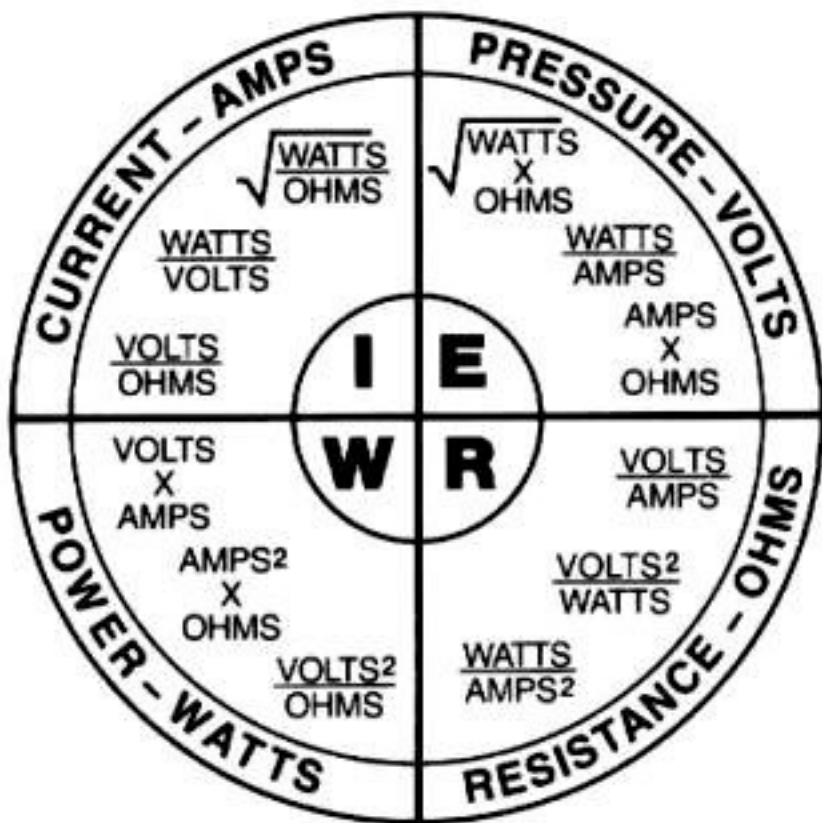


# OHM'S LAW WHEEL



This chart shows four ways to figure each value: Amps (I), Volts (E), Ohms (R) or Watts (W).

Example: A 4800 watt electric heat element is connected to a 240 volt circuit. How many Amps (I) does it draw?

Solution: Locate Amps section of chart —  $\frac{\text{Watts (W)}}{\text{Volts (E)}} = \text{Amps (I)}$

Thus  $4800 \div 240 = 20$  Amps. Carried further, what is the resistance?

$\frac{\text{Volts}^2 (E^2)}{\text{Watts (W)}} = \text{Ohms (R)}$   $240 \times 240 \div 4800 = 12$  Ohms.