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# OHM'S LAW

## VARIATIONS OF OHM'S LAW

### VOLTS

$$\text{VOLTS} = \sqrt{(\text{WATTS} * \text{OHMS})}$$

$$\text{VOLTS} = \frac{\text{WATTS}}{\text{AMPERES}}$$

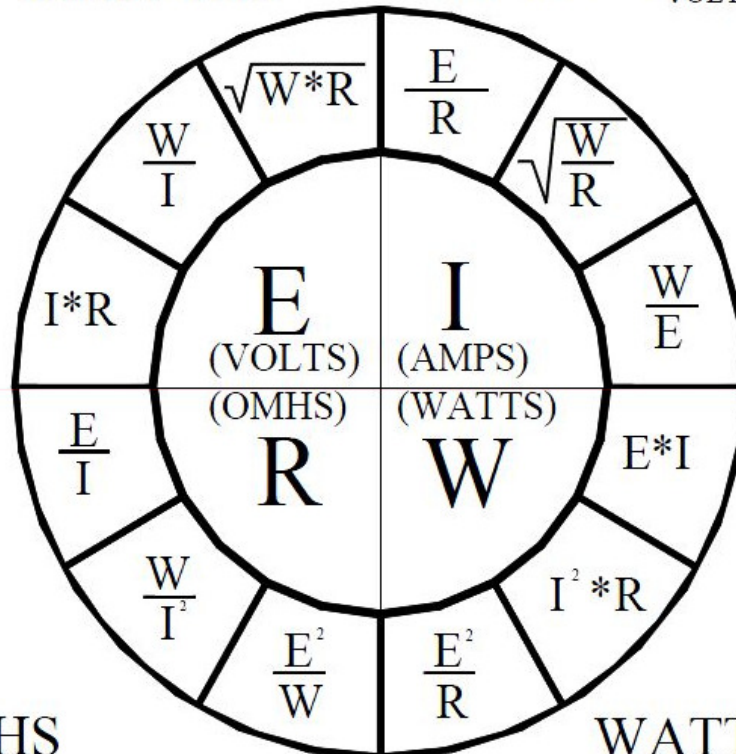
$$\text{VOLTS} = \text{AMPERES} * \text{OHMS}$$

### AMPS

$$\text{AMPERES} = \frac{\text{VOLTS} * \text{AMPERES}}{\text{WATTS}}$$

$$\text{AMPERES} = \sqrt{\frac{\text{WATTS}}{\text{OHMS}}}$$

$$\text{AMPERES} = \frac{\text{WATTS}}{\text{VOLTS}}$$



### OHMS

$$\text{OHMS} = \frac{\text{VOLTS}}{\text{AMPERES}}$$

$$\text{OHMS} = \frac{\text{VOLTS}}{\text{AMPERES}^2}$$

$$\text{OHMS} = \frac{\text{VOLTS}^2}{\text{WATTS}}$$

### WATTS

$$\text{WATTS} = \frac{\text{VOLTS}^2}{\text{OHMS}}$$

$$\text{WATTS} = \text{AMPERES}^2 * \text{OHMS}$$

$$\text{WATTS} = \text{VOLTS} * \text{AMPERES}$$