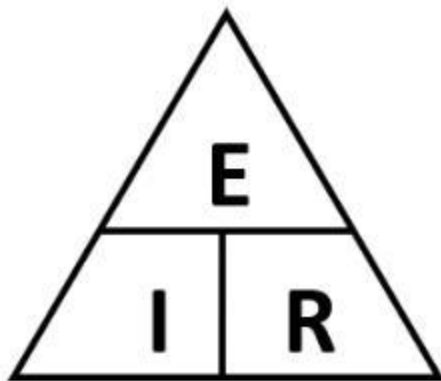


M		K				m		μ
Mega	(3)	Kilo	(3)	None	(3)	Milli	(3)	Micro
10^6		10^3		10^0		10^{-3}		10^{-6}

.0000158 Megavolts = .0158 Kilovolts = 15.8 Volts = 15,800 Millivolts = 15,800,000 Microvolts

.000000126 Megaamps = .000126 Kiloamps = .126 Amps = 126 Milliamps = 126,000 Microamps

2.4 Megaohms = 2,400 Kiloohms = 2,400,000 Ohms = 2,400,000,000 Milliohms = 2,400,000,000,000 Microohms



$$E = 12 \text{ V}$$

$$R = 48 \text{ K}\Omega$$

$$I = ?$$

$$I = E / R$$

$$I = 12 \text{ Volts} / 48,000 \text{ Ohms} = .00025 \text{ Amps}$$

$$I = .25 \text{ mA}$$