

Series Circuit Calculation Example

$$R_T = R_1 + R_2 + R_3$$

$$R_T = 2 + 2 + 3 = 7 \text{ Ohms}$$

R total is 7 Ohms

$$I = V/R$$

$$I = 12V / 7 \text{ Ohms}$$

Answer: I = 1.7 A

