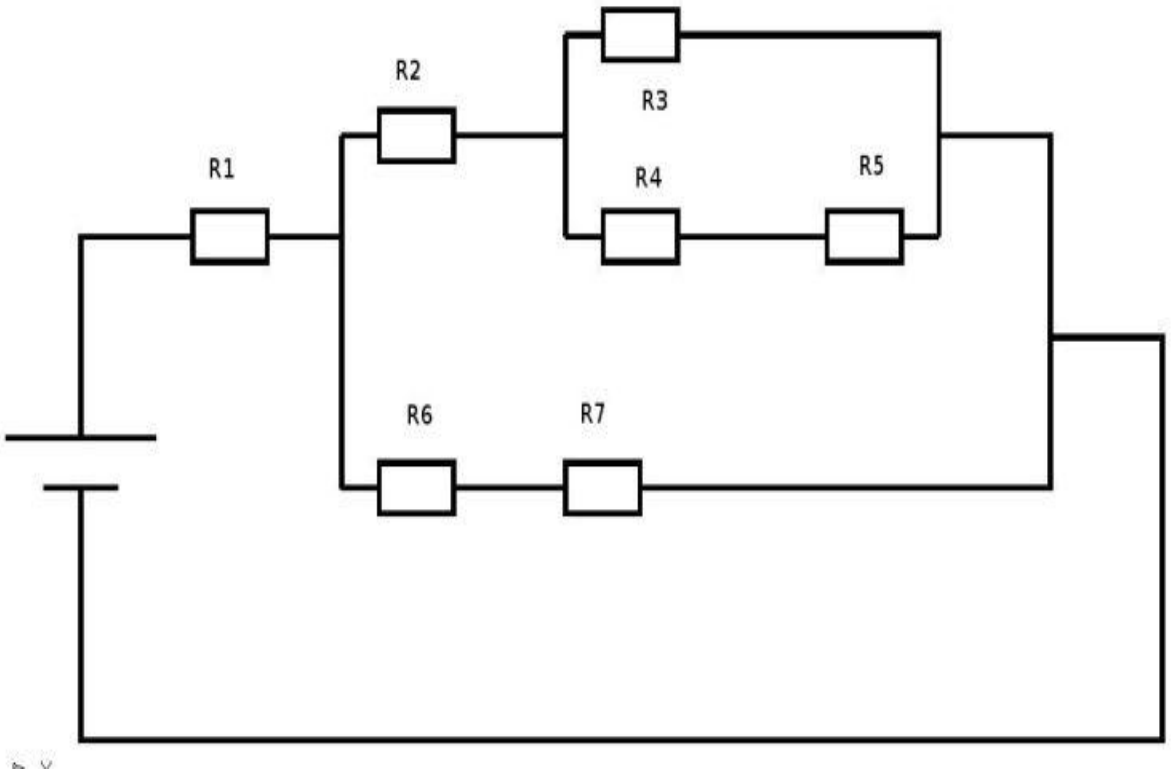
Resistencia equivalente circuito mixto

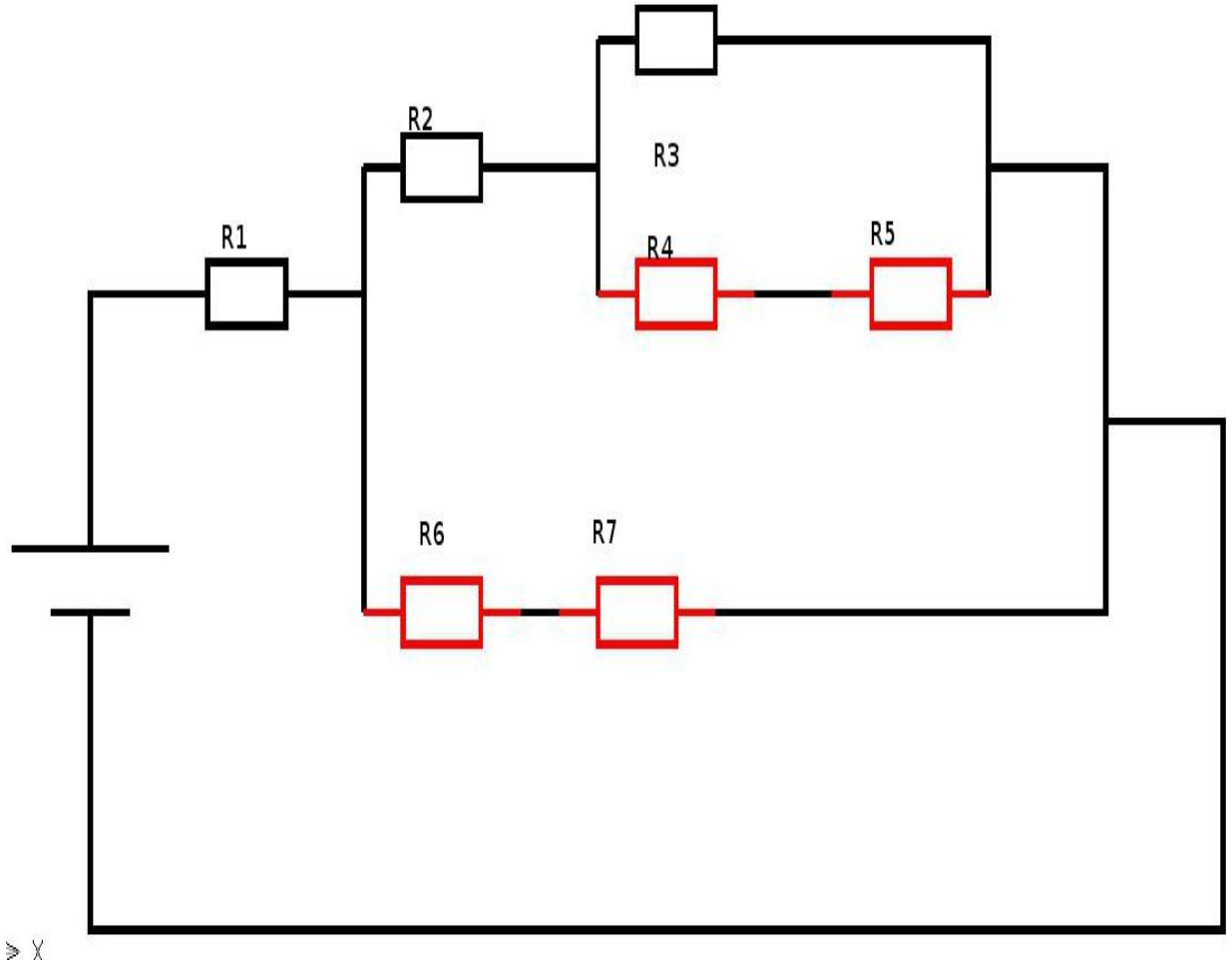


- R1 = 6 Ω
- R2 = 1,4 Ω
- R3 = 2 Ω
- R4 = 6 Ω
- R5 = 2 Ω
- R6 = 2 Ω
- R7 = 1 Ω

Resistencia equivalente circuito mixto

- Seleccionamos las resistencias en serie

Resistencia equivalente circuito mixto



- RT1 =

  R4+ R5 =

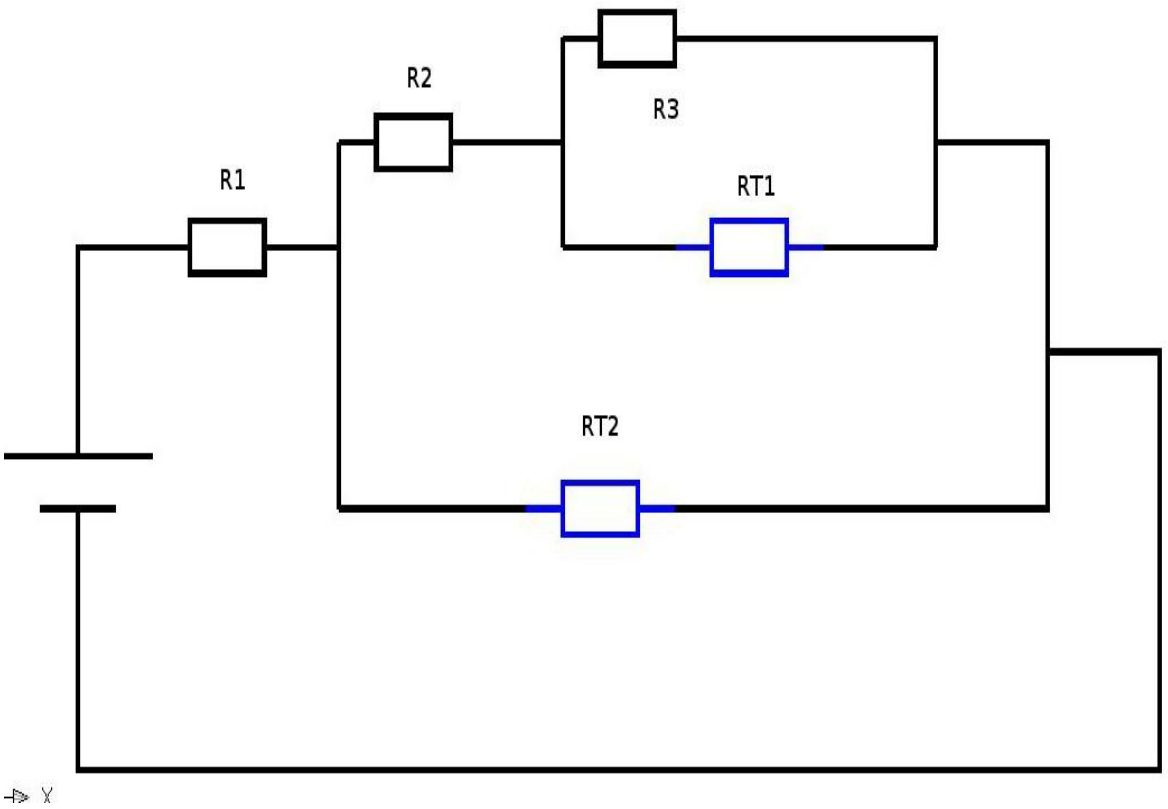
  6 + 2 = 8 Ω

- RT2 =

  R6 +R7 =

  2 + 1 = 3 Ω

Resistencia equivalente circuito mixto

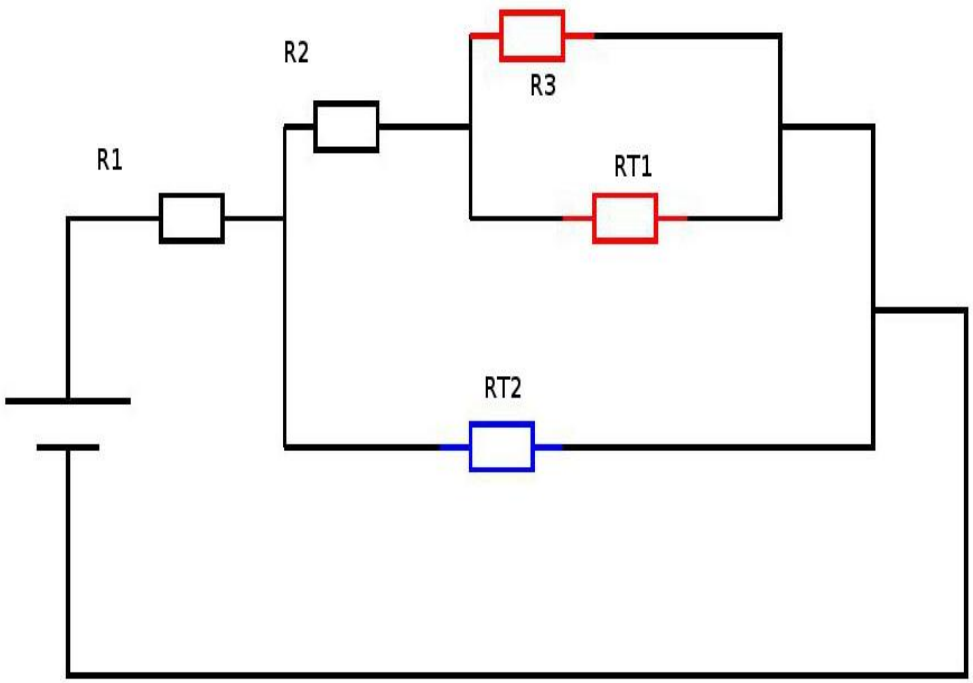


- R1 = 6 Ω
- R2 = 1,4 Ω
- R3 = 2 Ω
- RT1 = 8 Ω
- RT2 = 3 Ω

Resistencia equivalente circuito mixto

- No hay resistencias en serie
- Seleccionamos las resistencias en paralelo

Resistencia equivalente circuito mixto



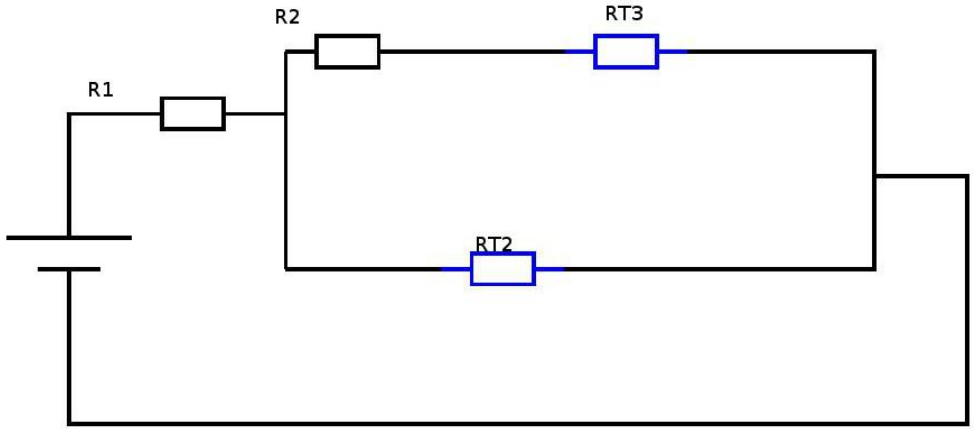
- RT3 =

(R3*RT1)/(RT3+RT1)

= (2*8)/(2+8)

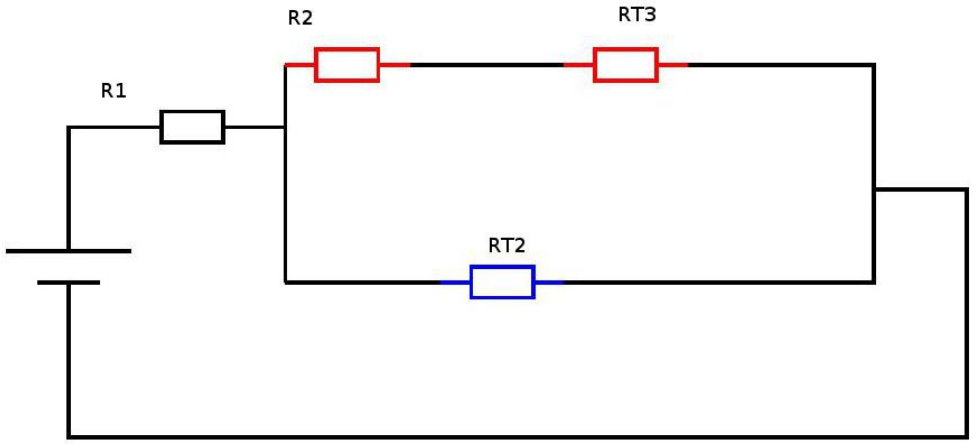
= 1,6 Ω

Resistencia equivalente circuito mixto



- R1 = 6 Ω
- R2 = 1,4 Ω
- RT3 = 1,6 Ω
- RT2 = 3 Ω

Resistencia equivalente circuito mixto



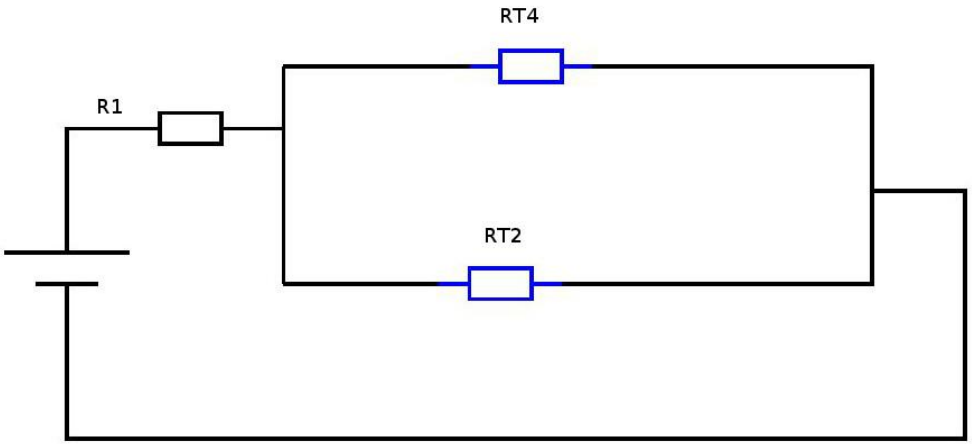
- RT4 =

  R2 + RT3=

  1,4 + 1,6 =

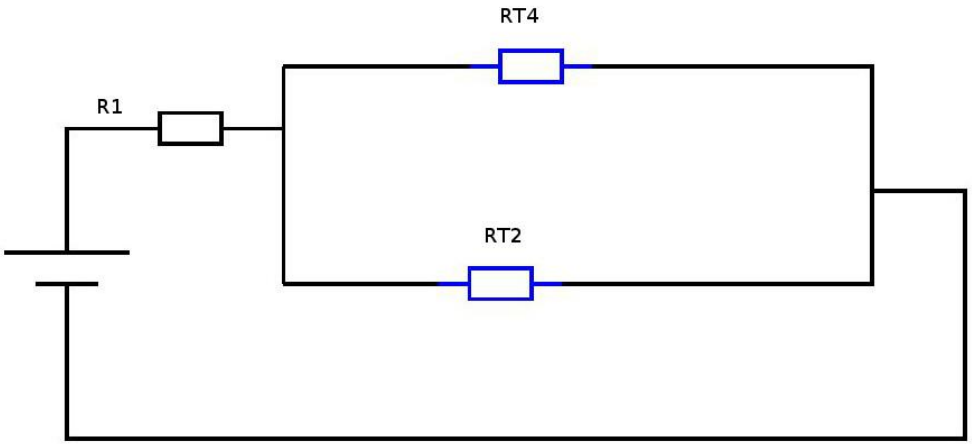
  3 Ω

Resistencia equivalente circuito mixto



- R1 = 6 Ω
- RT2 = 3 Ω
- RT4 = 3 Ω

Resistencia equivalente circuito mixto



- RT5 =

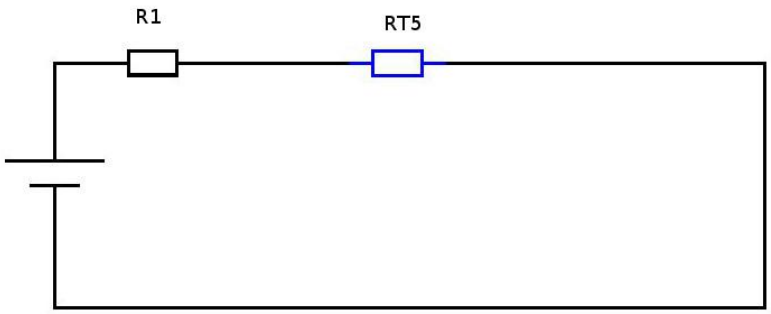
(RT4*RT2)/(RT4+RT2)

= (3*3)/(3+3)

= 1,5 Ω

Resistencia equivalente circuito mixto

- R1 = 6 Ω
- RT5 = 1,5 Ω



RT = R1 + RT5 =

6 + 1,5 =

7,5 Ω

Resistencia equivalente circuito mixto

RT = 7,5 Ω