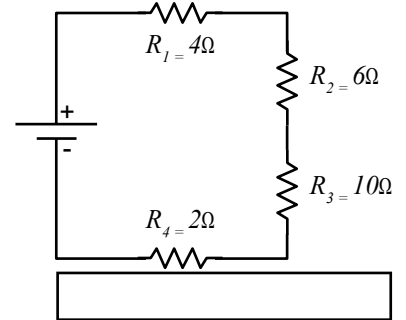
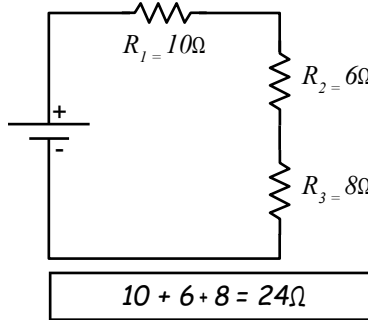
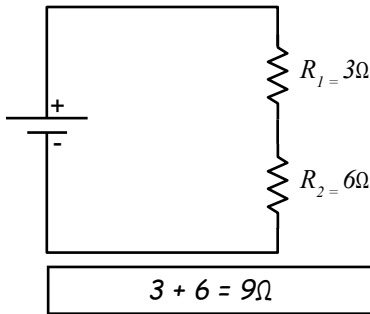


Amateur Radio: Overall Resistance Practice Sheet

Check your calculations at <https://www.digikey.ca/en/resources/conversion-calculators/conversion-calculator-parallel-and-series-resistor>

Resistors in serial

$$R_T = R_1 + R_2 + R_3 + \text{etc...}$$



Resistors in parallel

$$R_T = \frac{1}{(1/R_1 + 1/R_2 + 1/R_3 + \text{etc...})}$$

TIP: Total parallel resistance will always be smaller than the smallest value resistor.
It will also be larger than the smallest resistor value divided by the number of resistors.

