KIRCHHOFF'S LAWS

TWO LAWS THAT CHECK EVERY ANSWER YOU WORK OUT.

Kirchhoff's voltage law (series)

The voltage across all the loads must

add up to the supply voltage

.

$$V_t = V_1 + V_2 + V_3$$

Kirchhoff's current law (parallel)

The currents through the loads must

add up to the total current

.

$$I_t = I_1 + I_2 + I_3$$

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