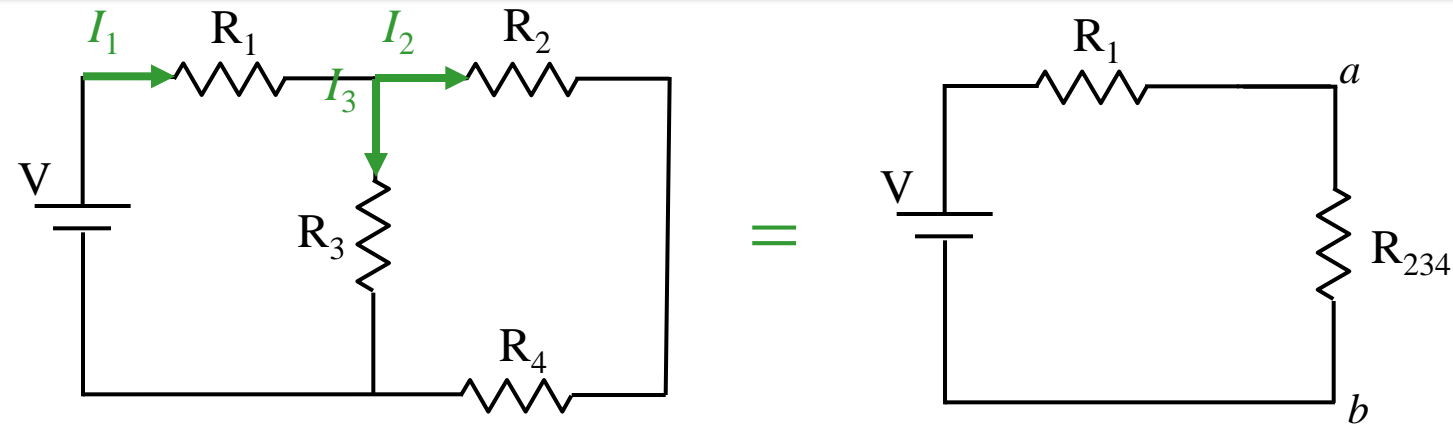


# Quick Follow-Ups



- $V = 18V$
- $R_1 = 1\Omega$
- $R_2 = 2\Omega$
- $R_3 = 3\Omega$
- $R_4 = 4\Omega$
- $R_{24} = 6\Omega$
- $R_{234} = 2\Omega$
- $V_{234} = 12V$
- $V_2 = 4V$
- $I_{1234} = 6 \text{ Amps}$

What is  $I_3$  ?

A)  $I_3 = 2 A$

B)  $I_3 = 3 A$

C)  $I_3 = 4 A$

$V_3 = V_{234} = 12V \rightarrow I_3 = V_3/R_3 = 12V/3\Omega = 4A$

What is  $I_1$  ?

We know  $I_1 = I_{1234} = 6 A$

**NOTE:**  $I_2 = V_2/R_2 = 4/2 = 2 A$

$\rightarrow I_1 = I_2 + I_3$

Make Sense?