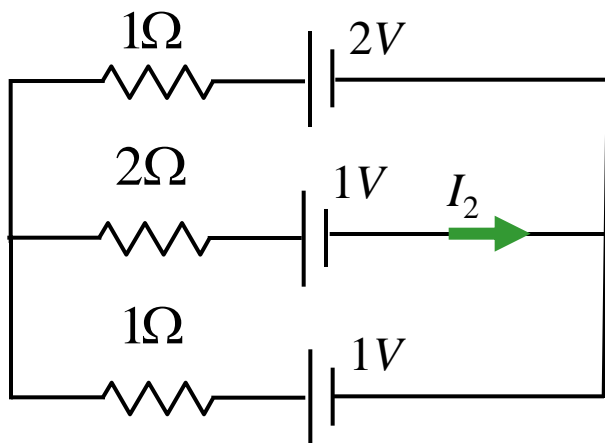


Calculation



In this circuit, assume V_i and R_i are known.

What is I_2 ?

Conceptual Analysis:

- Circuit behavior described by Kirchhoff's Rules:
 - KVR: $\sum V_{drops} = 0$
 - KCR: $\sum I_{in} = \sum I_{out}$

Strategic Analysis

- Write down Loop Equations (KVR)
- Write down Node Equations (KCR)
- Solve