Supermesh Constraint Equation
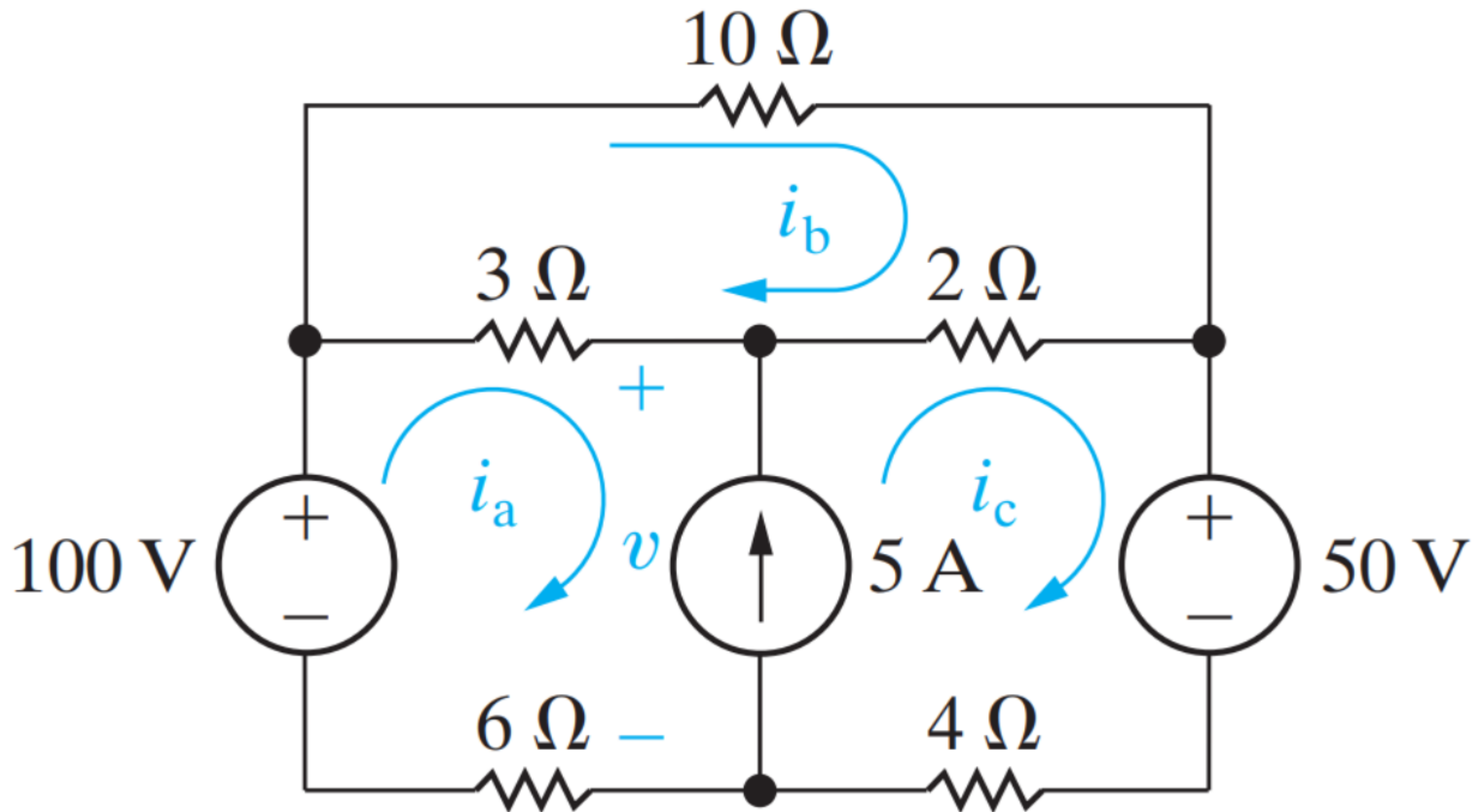
In a Supermesh circuit analysis problem, a constraint equation can be used to match the number of equations with the number of unknowns in the system.

$i_{Neg.} - i_{Pos.} = i$	$i_c - i_a = 5A$

Adding a constraint to a system of equations ensures that i_c and i_a will have a 5-Amp difference.