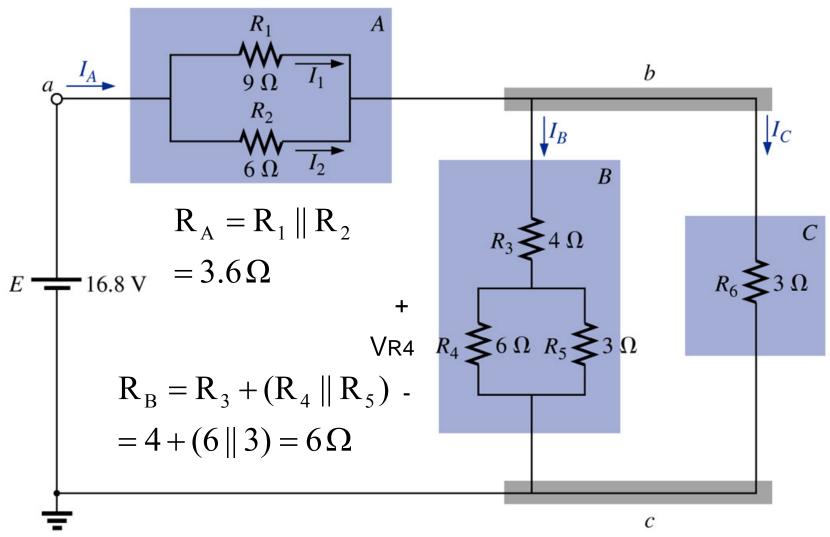
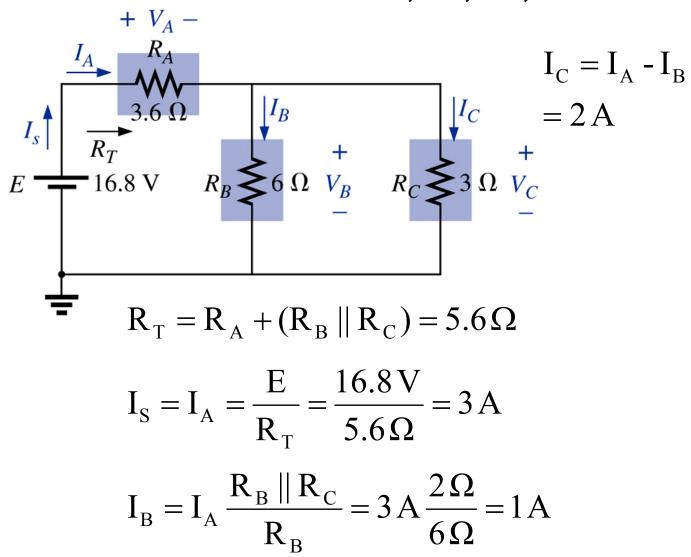


Breakout #1 - Find I1, IB, IC, VR4





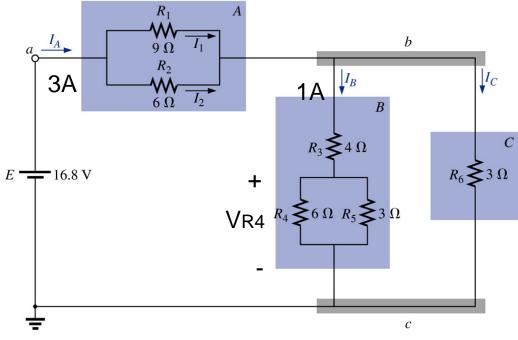
Breakout #1 - Find I1, IB, IC, VR4





Electrical Engineering Technology

Breakout #1 - Find I1, IB, IC, VR4



$$I_1 = I_A \frac{R_A}{R_1} = 3A \frac{3.6\Omega}{9\Omega} = 1.2A$$

$$V_{R4} = I_B \cdot (R_4 || R_5)$$
$$V_{R4} = 1 A \cdot 2 \Omega$$
$$= 2 V$$