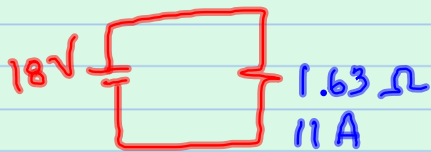
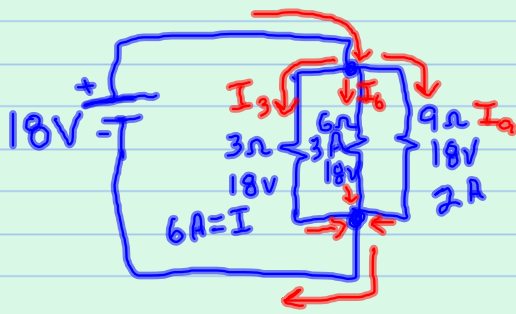


Ex 18.2 p 563



$$\frac{1}{R_{eq}} = \frac{1}{3} + \frac{1}{6} + \frac{1}{9} = \frac{11}{18}$$

$$R_{eq} = \frac{18}{11} = 1.63 \Omega$$

$$V = IR$$

$$I = \frac{V}{R} = \frac{18}{1.63} = 11A$$

$$V = IR$$

$$I = \frac{V}{R}$$

R in parallel

$$\frac{1}{R_{eq}} = \frac{1}{R_1} + \frac{1}{R_2} \dots$$

$$I_{total} = I_1 + I_2 + I_3 \dots$$

$$V_{total} = V_1 = V_2 = V_3$$

find I_{total}

find V_s

find I_s