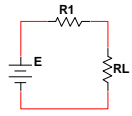
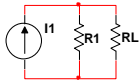


Source Conversion (12:01)



Given $E = 96\text{V}$ and $R_1 = 1.5\text{ k}\Omega$ convert this circuit to a current source such that R_L experiences the same voltage drop and current. Solve for V_L , I_L , and P_L using both configurations given $R_L = 600\Omega$



Given $I = 32\text{mA}$ and $R_1 = 2\text{ k}\Omega$ convert this to circuit a voltage source such that R_L experiences the same voltage drop and current. Solve for V_L , I_L , and P_L using both configurations given $R_L = 2.5\text{k}\Omega$