

Chapter 2, Problem 16.

Determine V_o in the circuit in Fig. 2.80.

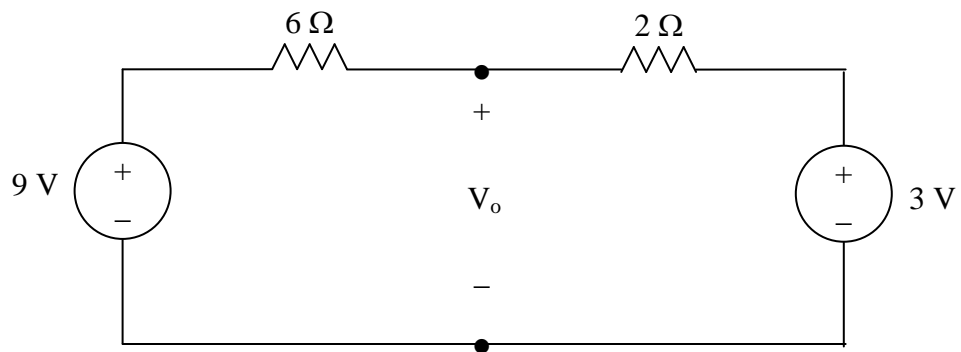


Figure 2.80 For Prob. 2.16.

Chapter 2, Problem 30.

Find R_{eq} for the circuit in Fig. 2.94.

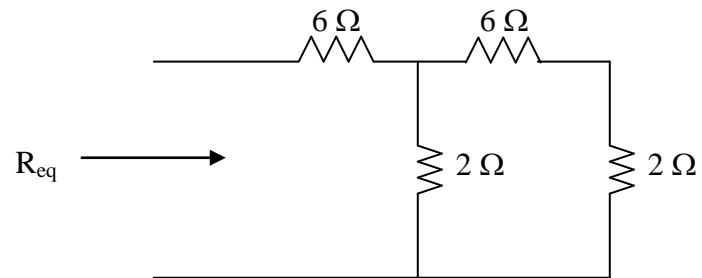
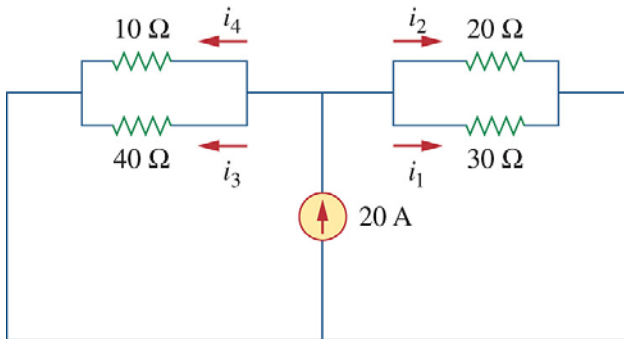


Figure 2.94 For Prob. 2.30.

Chapter 2, Problem 32.

Find i_1 through i_4 in the circuit in Fig. 2.96.



Chapter 2, Problem 34.

Using series/parallel resistance combination, find the equivalent resistance seen by the source in the circuit of Fig. 2.98. Find the overall dissipated power.

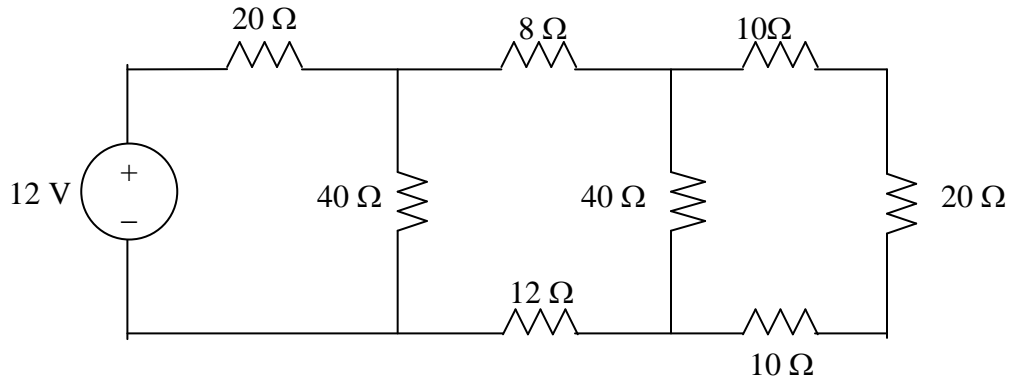
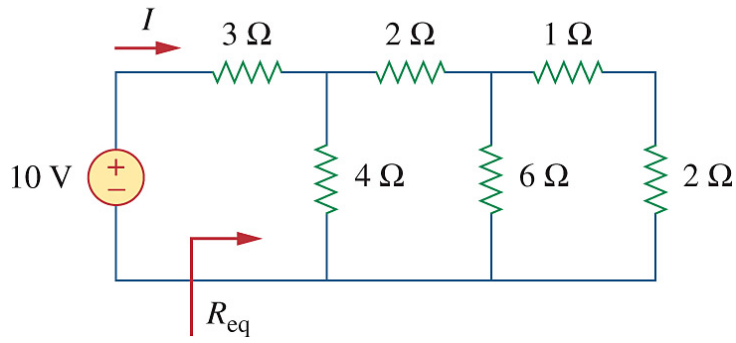


Figure 2.98 For Prob. 2.34.

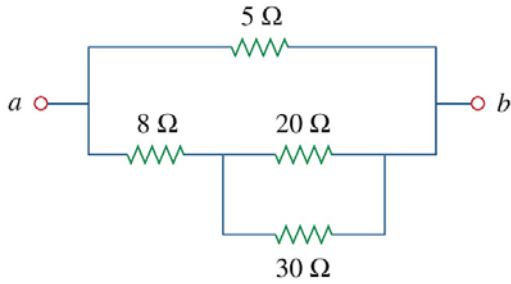
Chapter 2, Problem 40.

For the ladder network in Fig. 2.104, find I and R_{eq} .

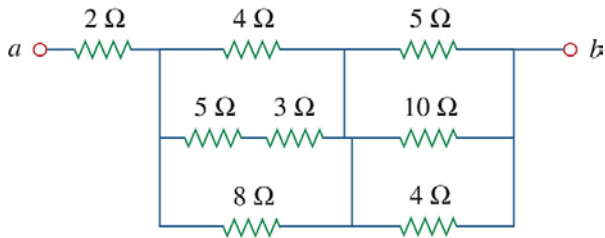


Chapter 2, Problem 42.

Reduce each of the circuits in Fig. 2.106 to a single resistor at terminals a - b .



(a)



(b)

Chapter 3, Problem 2.

For the circuit in Fig. 3.51, obtain v_1 and v_2 .

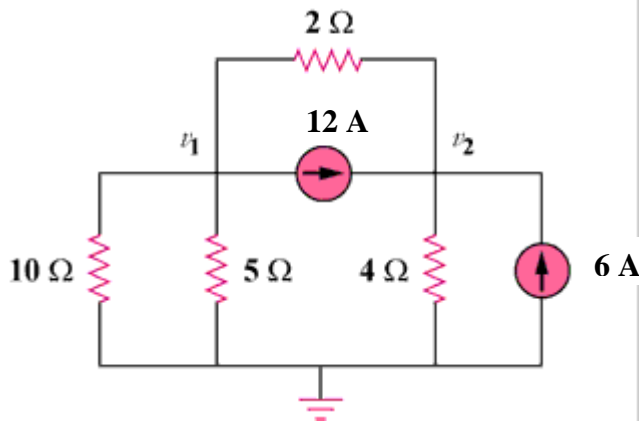


Figure 3.51

Chapter 3, Problem 6.

Use nodal analysis to obtain v_o in the circuit in Fig. 3.55.

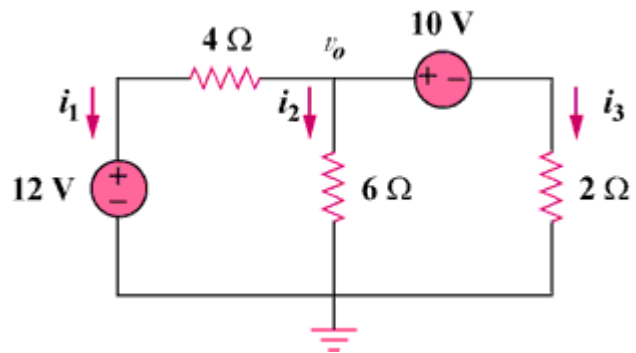


Figure 3.55

Chapter 3, Problem 14.

Using nodal analysis, find v_o in the circuit of Fig. 3.63.

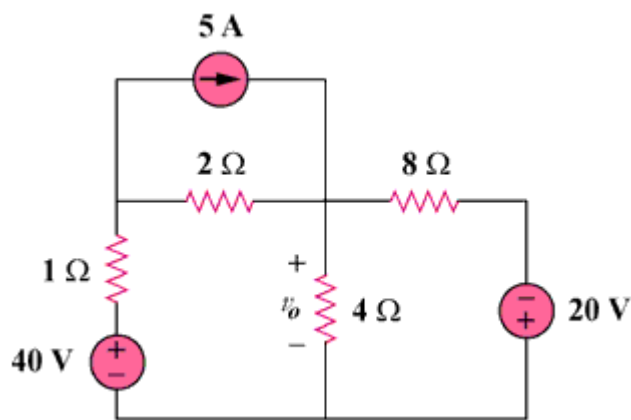


Figure 3.63

Chapter 3, Problem 18.

Determine the node voltages in the circuit in Fig. 3.67 using nodal analysis.

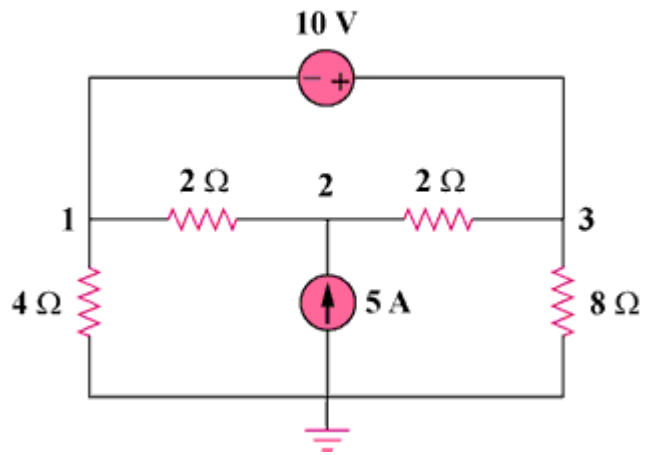


Figure 3.67