

Nombre: \_\_\_\_\_

Sección: \_\_\_\_\_

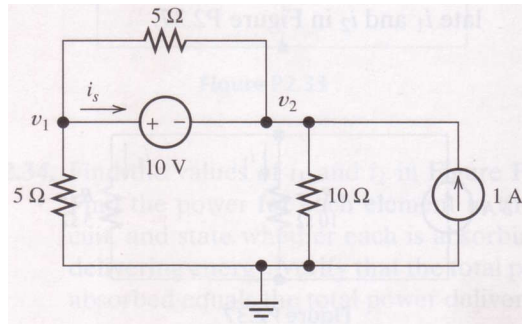


Figure 1

1 Solve for the node voltages shown in Figure 1. Then find the value of  $i_s$ . Determine the power supplied by the two independent sources.

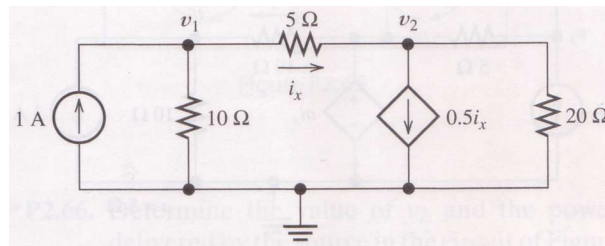


Figure 2

2 Solve for the values of the node voltages shown in Figure 2. Then find the value of  $i_x$ . Find the power absorbed by the dependent current source.

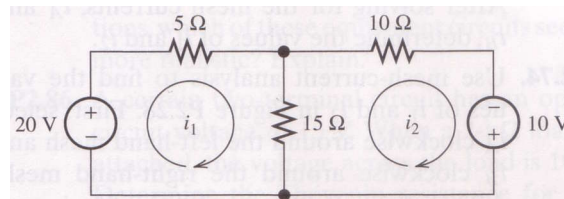


Figure 3

3 Solve for the mesh currents in Figure 3. Determine the power delivered to the 15 ohm resistor.