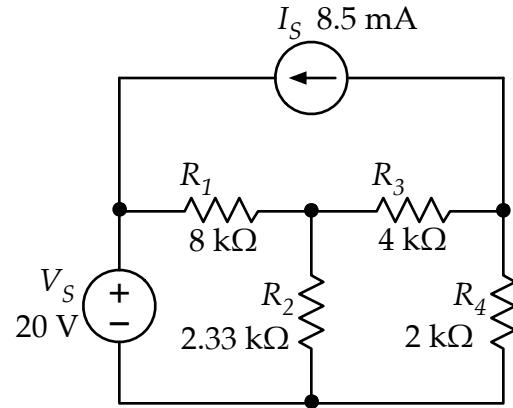
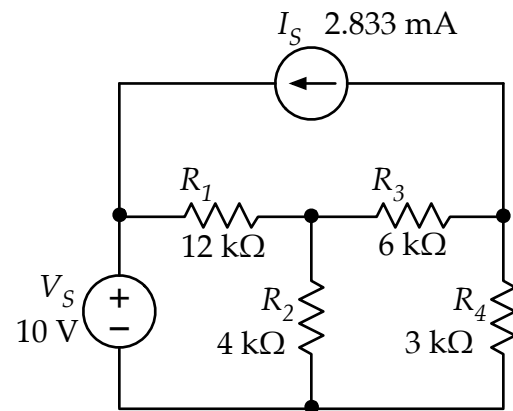


- a. Use the node-voltage method to find the power dissipated in resistor  $R_4$ .



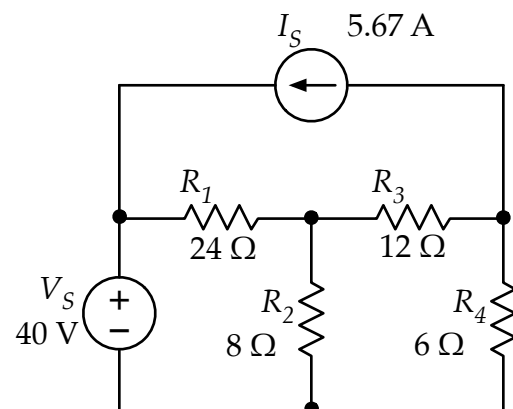
$P_{R4} =$  \_\_\_\_\_

- b. Use the mesh-current method to find the power dissipated in resistor  $R_4$ .



$P_{R4} =$  \_\_\_\_\_

- c. Use the superposition method to find the power dissipated in resistor  $R_4$ . (Be careful. Note the comments about superposition and power.)



$P_{R4} =$  \_\_\_\_\_