1. Problem 4.3

   (b) In the circuit in Fig. 1, calculate v_o and I_o when $v_s = 1$ V.
   (c) Find v_o and i_o when $v_s = 10$ V.
   (d) What are v_o and I_o when each of the 1-Ω resistors is replaced by a 10-Ω resistor and $v_s = 10$ V?
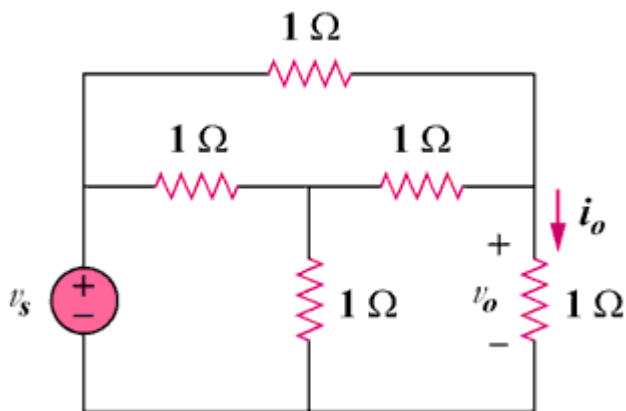

   Figure 1

2. Problem 4.12
   Determine v_o in the circuit in Fig. 2 using the superposition principle.
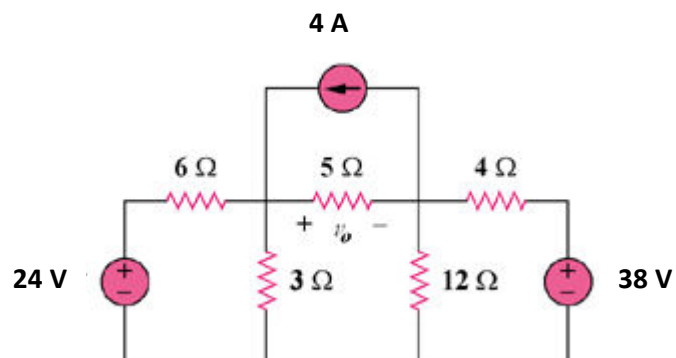

   Figure 2

3. Problem 4.18
   Use superposition to find V_o in the circuit of Fig. 3
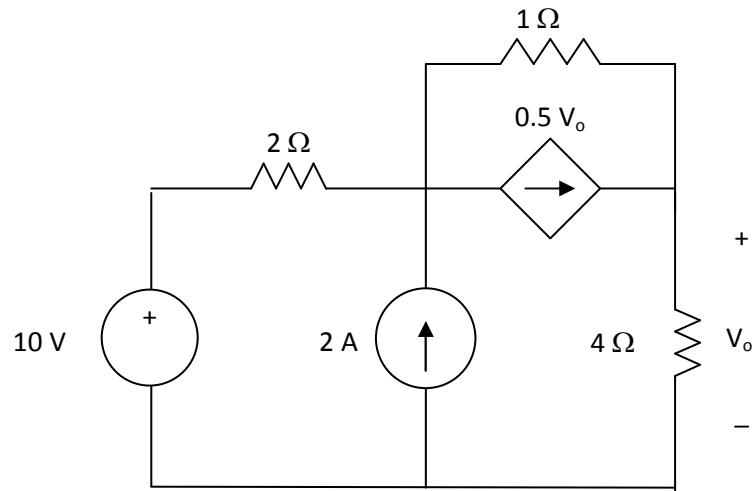

Figure 3

4. Problem 4.25
   Obtain v_o in the circuit of Fig. 4 using source transformation.
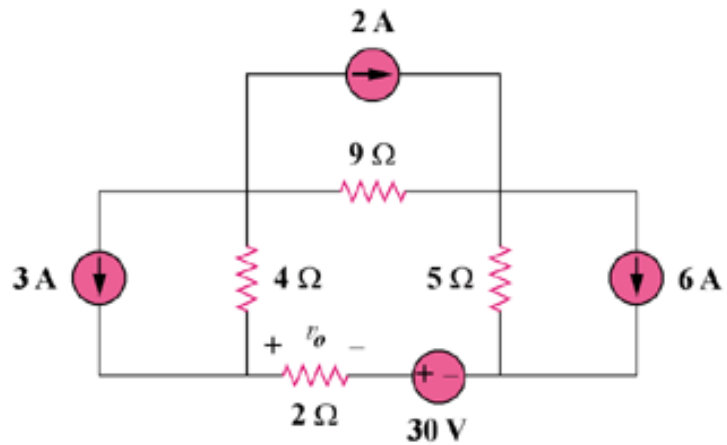

Figure 4

5. Problem 4.29

Use source transformation to find v_o in the circuit of Fig. 5.
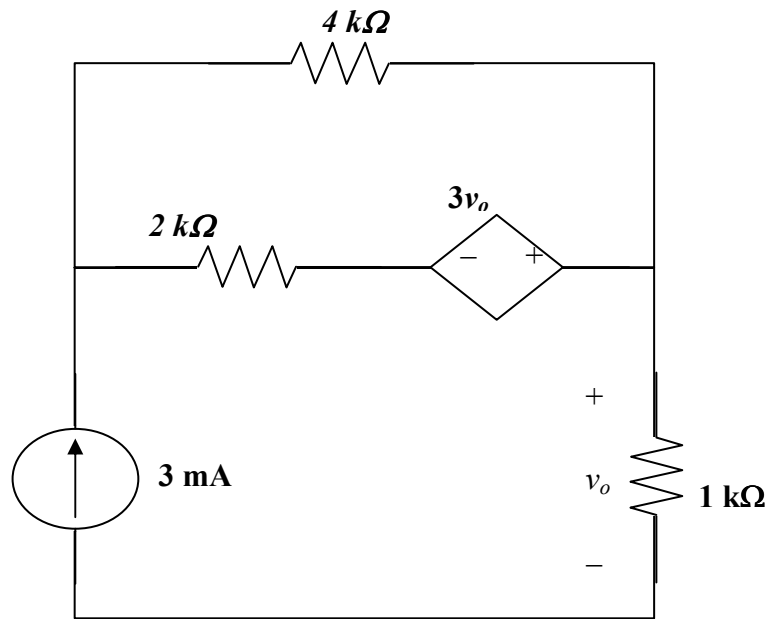

Figure 5

6. Problem 4.14 (Assignment group D)
Apply the superposition principle to find v_o in the circuit of Fig. 6.
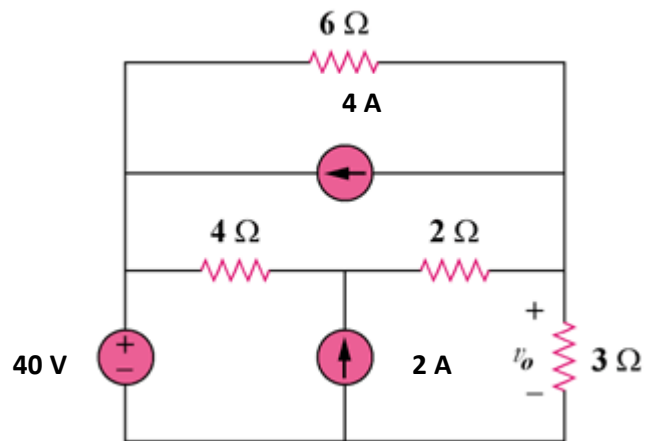

Figure 6