1. Use nodal analysis to determine v_x and i_x in the circuit of Fig. 1 (4)
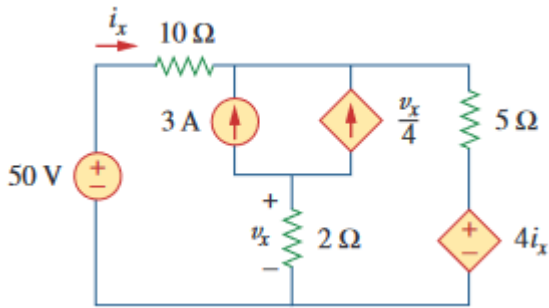

Figure 1

2. Find mesh currents i_1, i_2, i_3 in the network of Fig 2 (6)
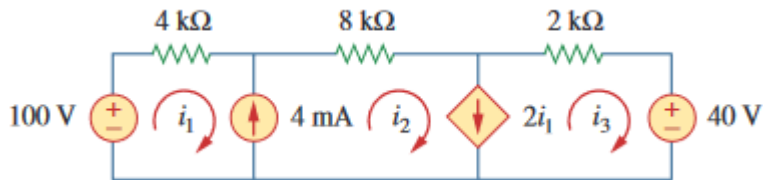

Figure 2