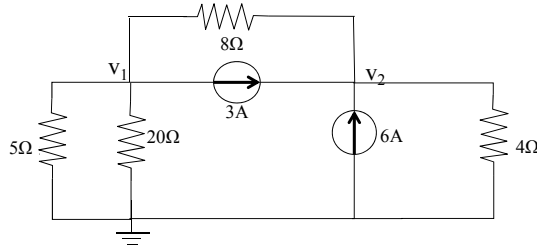
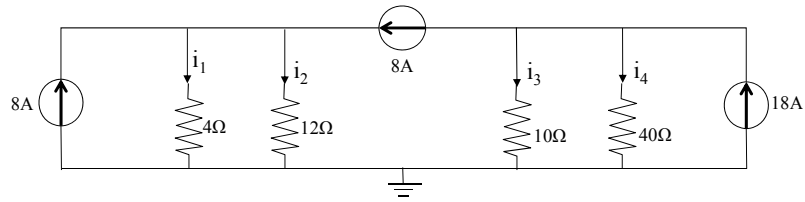


Homework set #4: Use Nodal analysis method to solve circuit problems

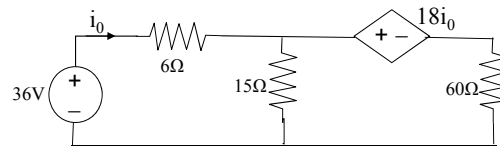
Problem 1. Find v_1 and v_2 using nodal analysis method



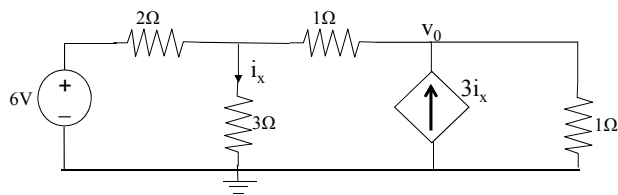
Problem 2. Calculate i_1 through i_4 with nodal analysis method



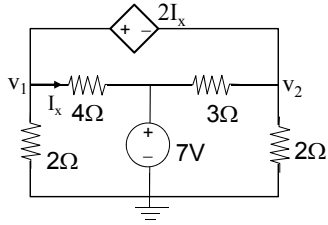
Problem 3. Obtain i_0 in the following circuit



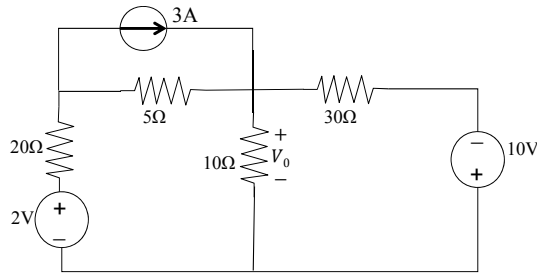
Problem 4. Calculate the node voltage at v_0



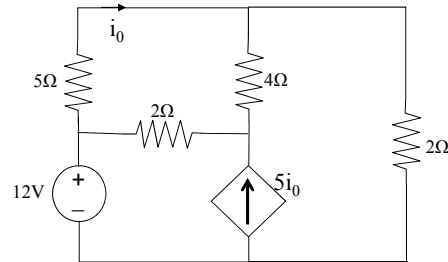
Problem 5. Use nodal analysis method to find I_x and v_1, v_2



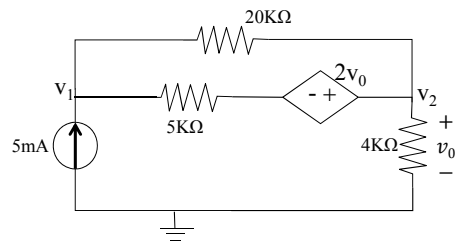
Problem 6. Use nodal analysis method to find v_0



Problem 7. Obtain i_0



Problem 8: Calculate the node voltage v_1 and v_2



Problem 9. Use nodal analysis method to find i_1 and i_2

