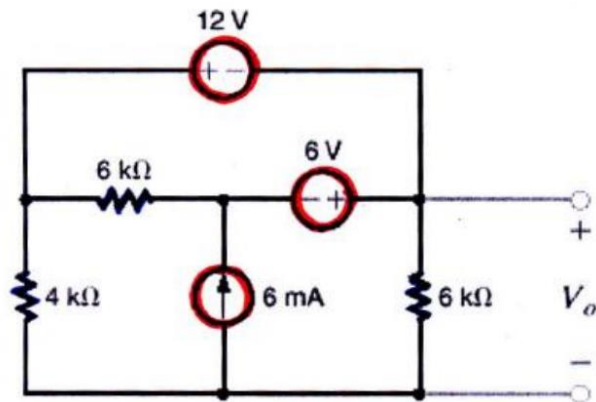
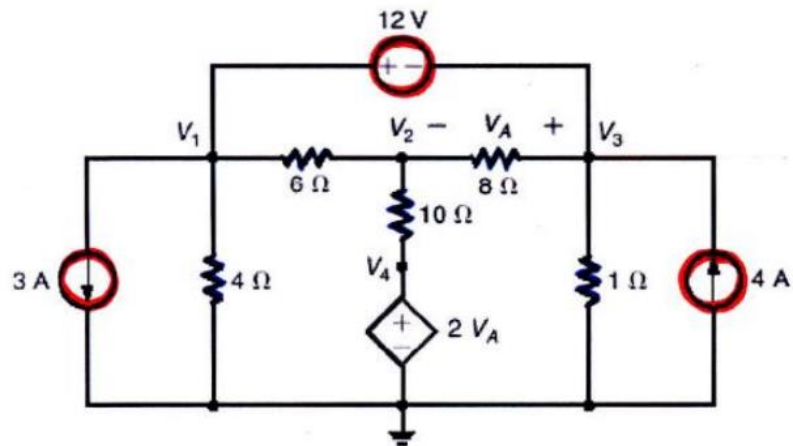


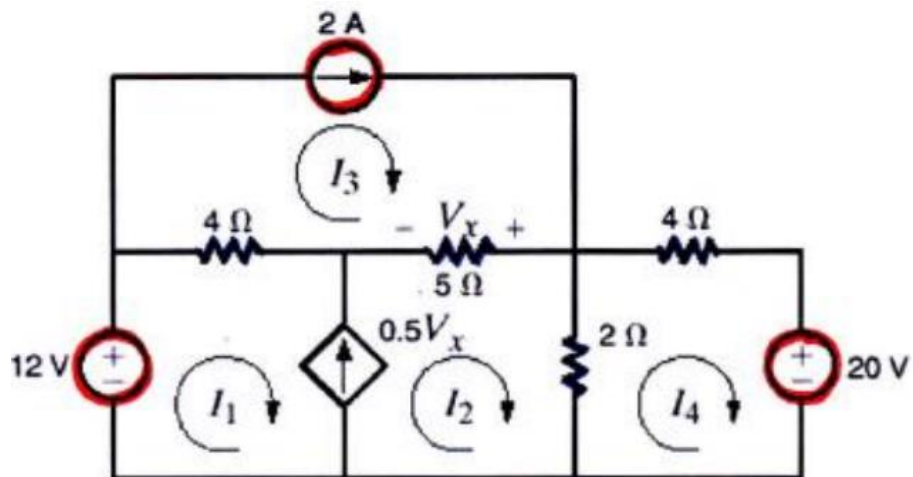
1) Use nodal analysis to find  $V_o$ .



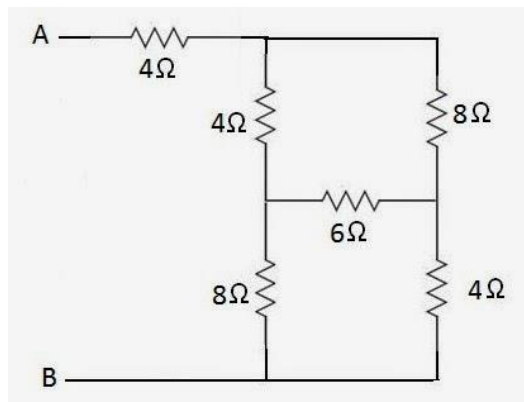
2) Use nodal analysis to find  $V_1$ ,  $V_2$ ,  $V_3$  and  $V_4$ .



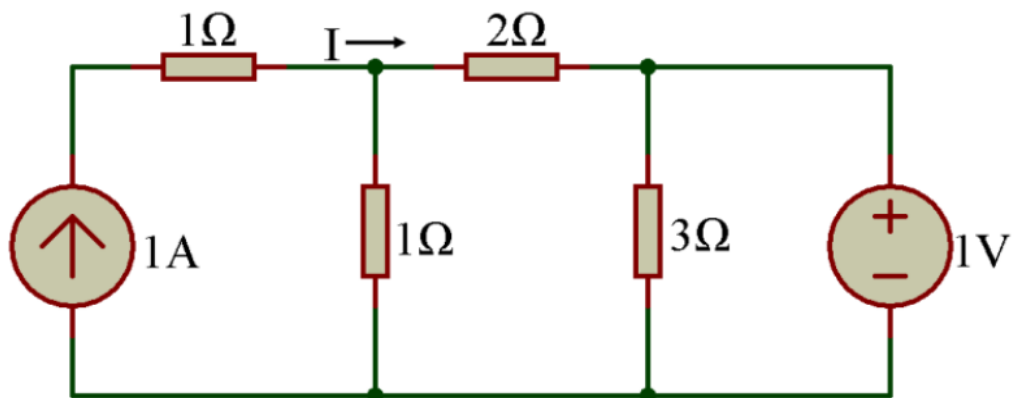
3) Write mesh equations for the circuit below.



4) Find the equivalent resistance between A and B.



5) Find  $I$  by superposition principle.



6) Find the current flowing through the load using Thevenin subcircuit.

