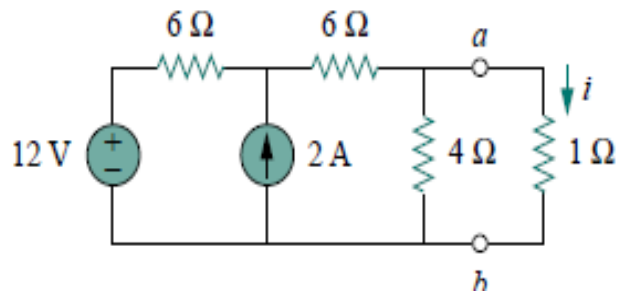


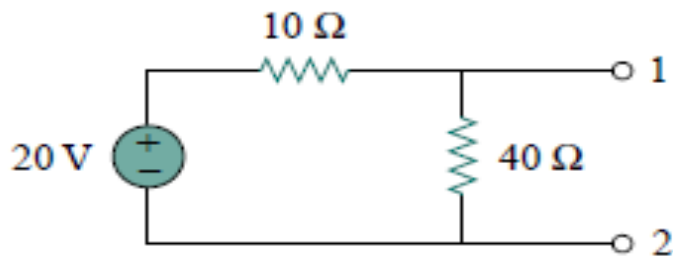
## Practice Question

ECE249

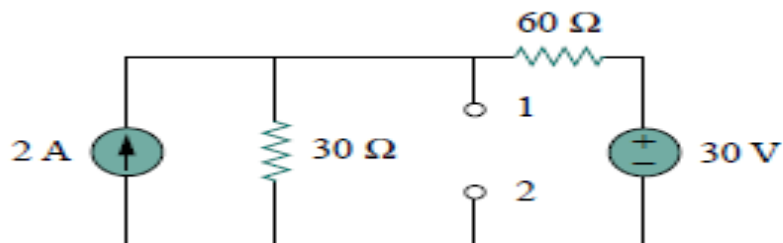
1. Find the thevenin equivalent to the left of the terminals a-b and find current through 1 ohm resistance.



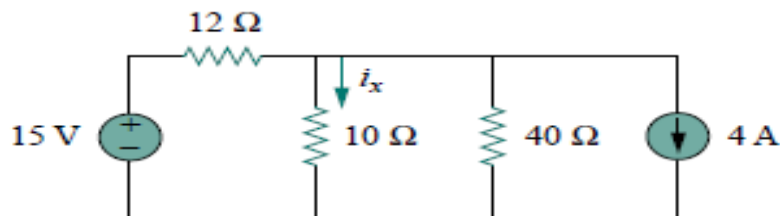
2. Determine  $R_{th}$  and  $V_{th}$  at terminals 1-2.



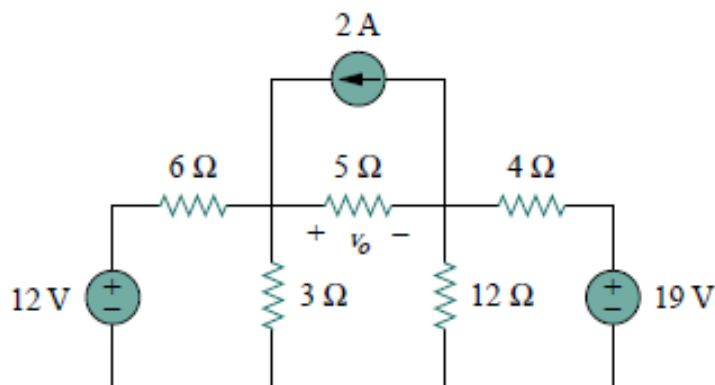
3. Determine  $R_{th}$  and  $V_{th}$  at terminals 1-2.



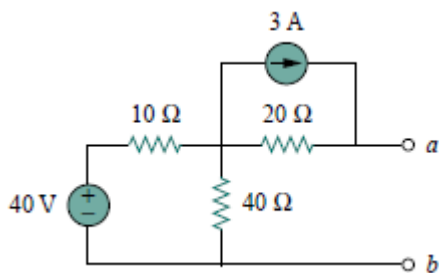
4. Find  $i_x$  and power absorbed by 10 ohm resistance using node analysis method.



5. Find  $v_o$  using node analysis method.



6. Find the thevenin equivalent between a- b terminals.



7. Find the Norton equivalent between c-d terminal.

