

Homework #0

Question #1:

- Use Superposition to find V_1 , V_2
- Use KCL to find V_1 , V_2
- Use Loop analysis to find V_1 , V_2

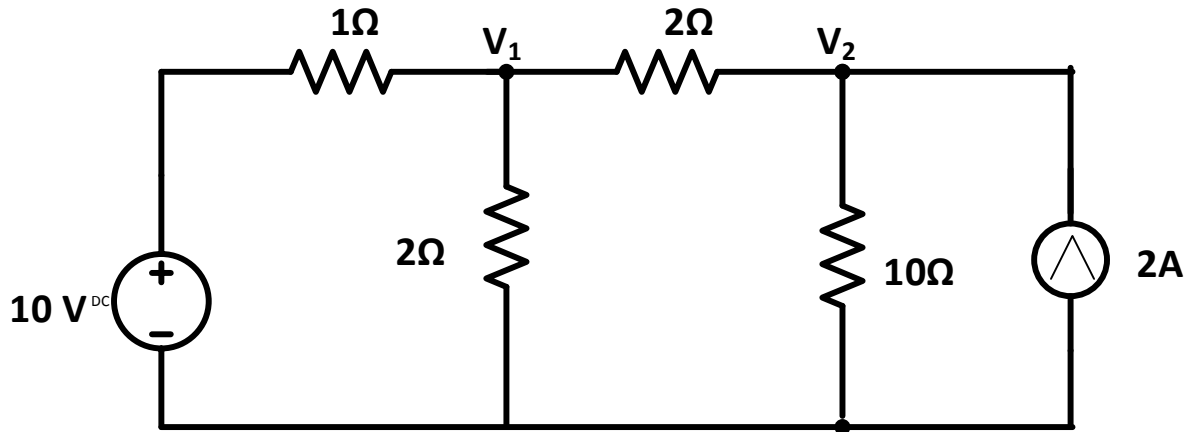


Fig. 1

Question #2:

Repeat a, b, and c above to find V in Fig.2.

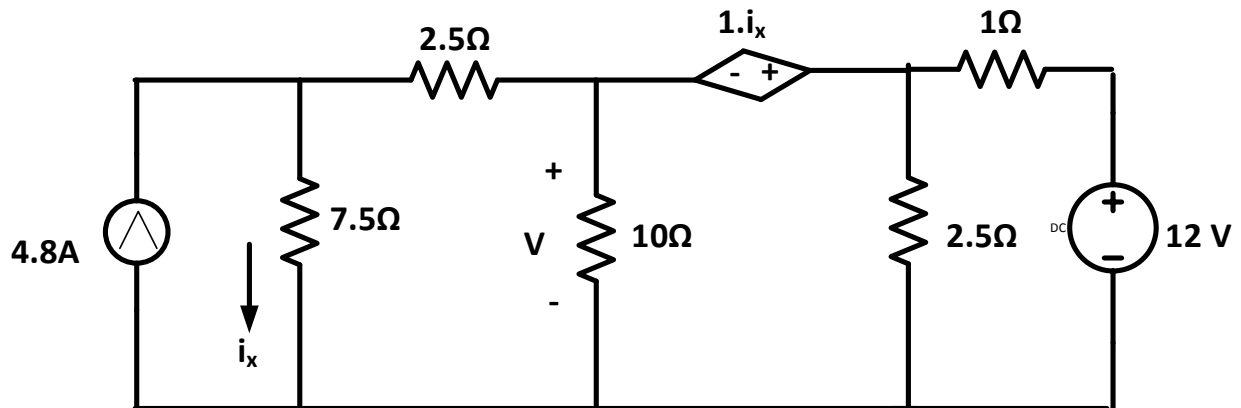


Fig. 2

Question #3:

- Find a relationship for I_5 in terms of I and R 's in Fig. 3
- What is I_5 ?

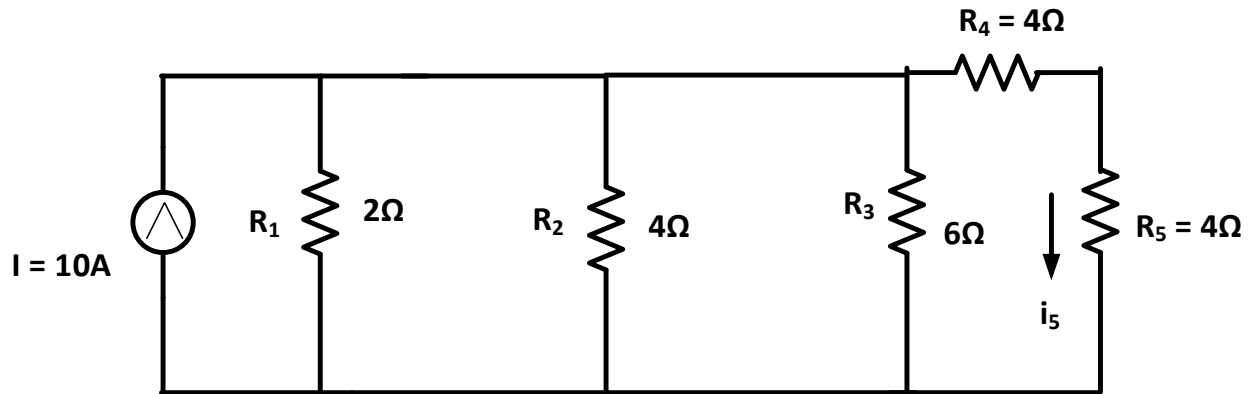


Fig. 3

Question #4:

- Find Thevenin's equivalent at a, b in Fig. 4
- Find Norton equivalent at a, b.

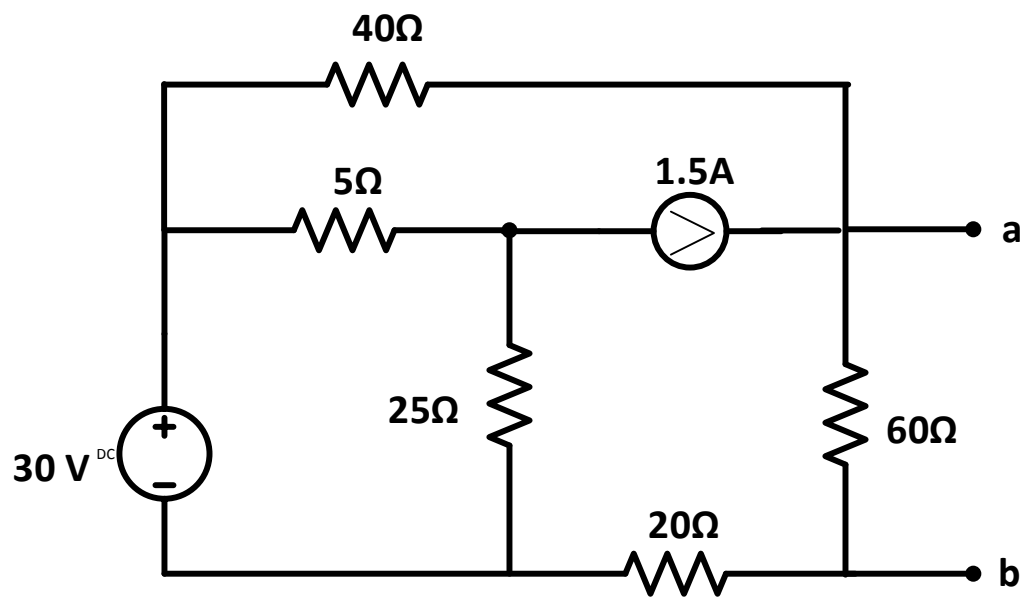


Fig. 4