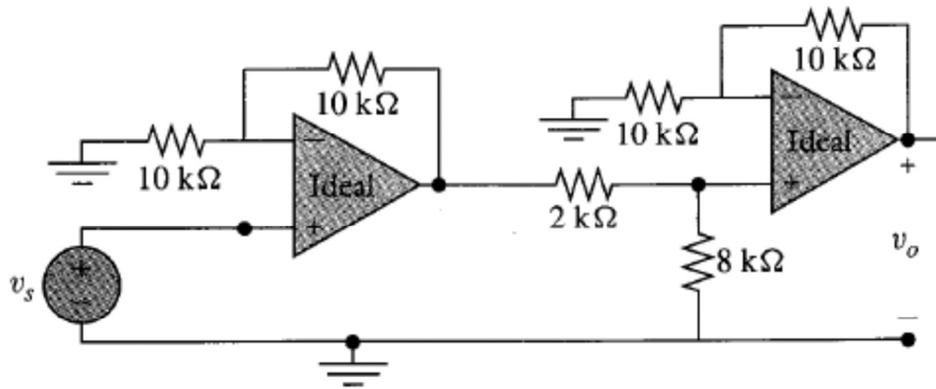
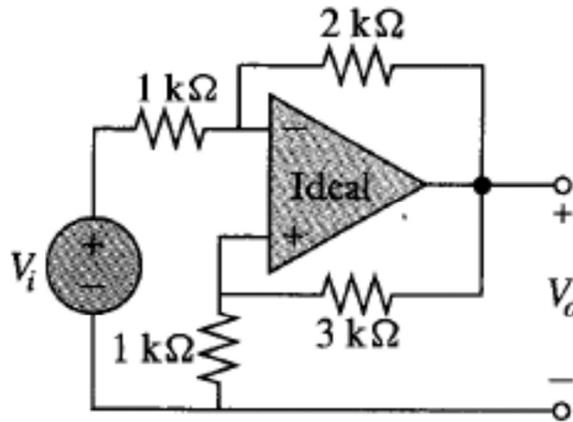


ENSC 220 (2013-2)
 HW 4 (Due June 17, 2013, 4:00pm)

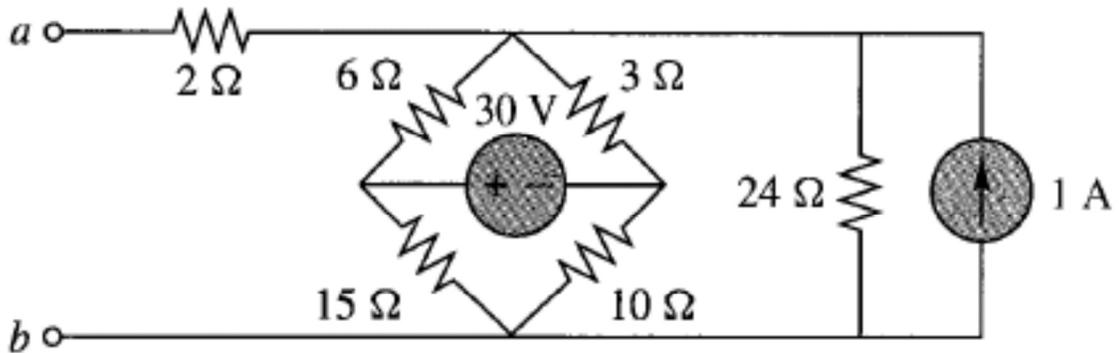
1. Determine the gain V_o/V_s for the circuit shown below. Consider the opamp to be ideal.



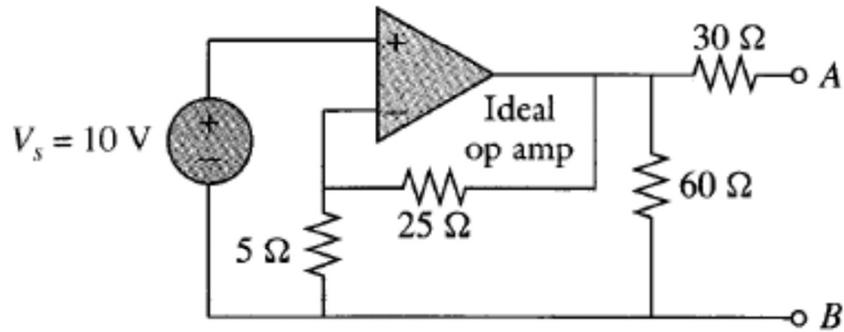
2. Determine the gain. Opamp is ideal.



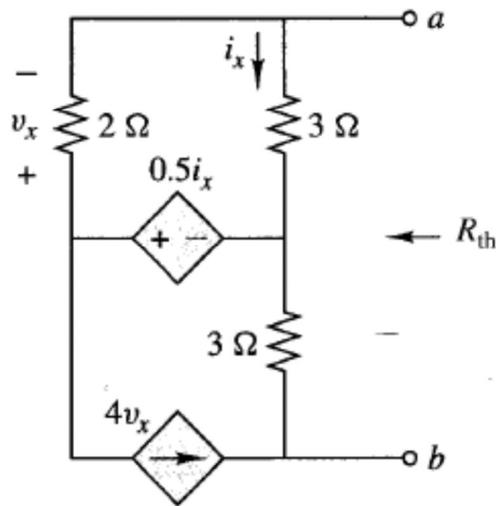
3. Determine the Thevenin Equivalent between nodes a and b.



4. Determine the Thevenin Equivalent between nodes A and B.



5. Determine the Thevenin Resistance between nodes a and b.



6. Using superposition determine V_{out} .

