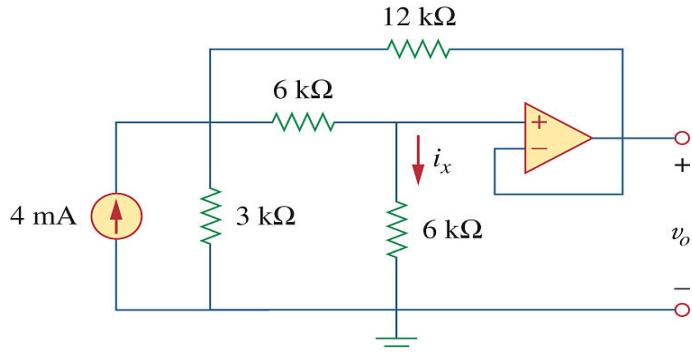


**SKEE 1023 CIRCUIT THEORY**  
**SECTION 13**  
**TUTORIAL 6: Operational Amplifier**

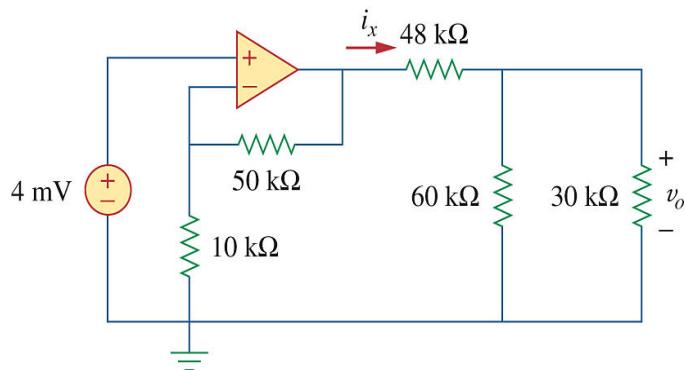
1. Problem 5.31

Find  $i_x$



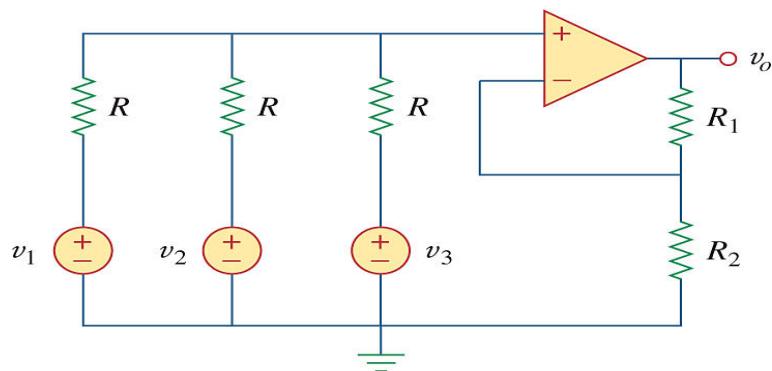
2. Problem 5.32

Find  $i_x$  and  $v_o$



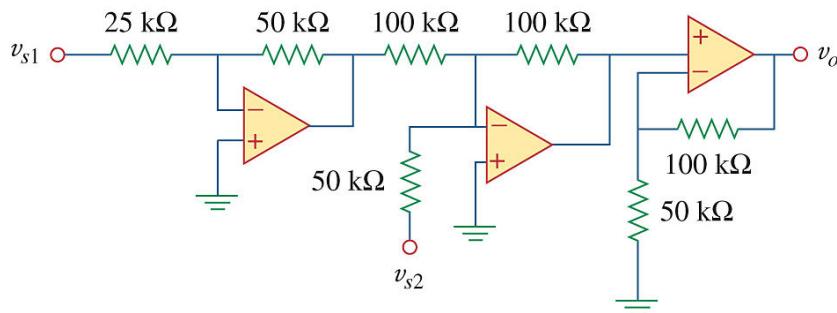
3. Problem 5.40

Find  $v_o$  in terms of  $v_1$ ,  $v_2$ , and  $v_3$



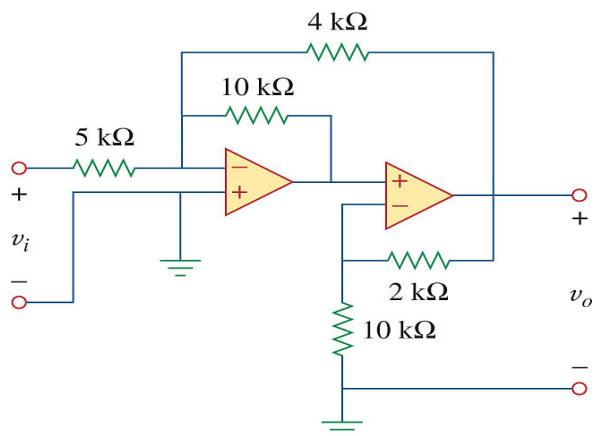
4. Problem 5.57

Find  $v_o$



5. Problem 5.60

Calculate  $v_o/v_i$



6. Problem 5.71 (Assignment group F)

Determine  $v_o$

