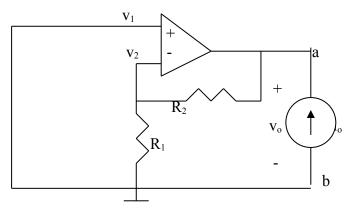
Chapter 5, Solution 36

$$V_{Th} = V_{ab}$$
But $v_s = \frac{R_1}{R_1 + R_2} V_{ab}$. Thus,
$$V_{Th} = V_{ab} = \frac{R_1 + R_2}{R_1} v_s = (1 + \frac{R_2}{R_1}) v_s$$

To get R_{Th}, apply a current source I_o at terminals a-b as shown below.



Since the noninverting terminal is connected to ground, v_1 = v_2 =0, i.e. no current passes through R_1 and consequently R_2 . Thus, v_o =0 and

$$R_{Th} = \frac{v_o}{i_o} = 0$$