

**Chapter 5, Solution 35.**

$$A_v = \frac{v_o}{v_i} = 1 + \frac{R_f}{R_i} = 7.5 \quad R_f = 6.5R_i$$

If  $R_i = 60 \text{ k}\Omega$ ,  $R_f = 390 \text{ k}\Omega$ .