

Chapter 5, Solution 17.

$$(a) \quad G = \frac{v_o}{v_i} = -\frac{R_f}{R_i} = -\frac{12}{5} = \mathbf{-2.4}$$

$$(b) \quad \frac{v_o}{v_i} = -\frac{80}{5} = \mathbf{-16}$$

$$(c) \quad \frac{v_o}{v_i} = -\frac{2000}{5} = \mathbf{-400}$$

(a) -2.4, (b) -16, (c) -400