

5.7

$$\frac{V_S}{10} = \frac{V_S}{10} + \frac{V_{OUT}}{R} = \frac{-V_{OUT}}{40}$$

$$\frac{V_{OUT}}{R} = \frac{V_{OUT}}{10} = \frac{-V_{OUT}}{R} + \frac{1}{40}$$

$$\frac{V_{\text{out}} A}{50} = \frac{V_{\text{out}}}{V_{\text{out}}} = \frac{V_{\text{out}}}{V_{\text{s}}} = \frac{V_{\text{out}}}{V_{\text$$

$$-120 - 3R = -4R$$
  
 $-120 = -R$   
 $R = 120 + \Omega$