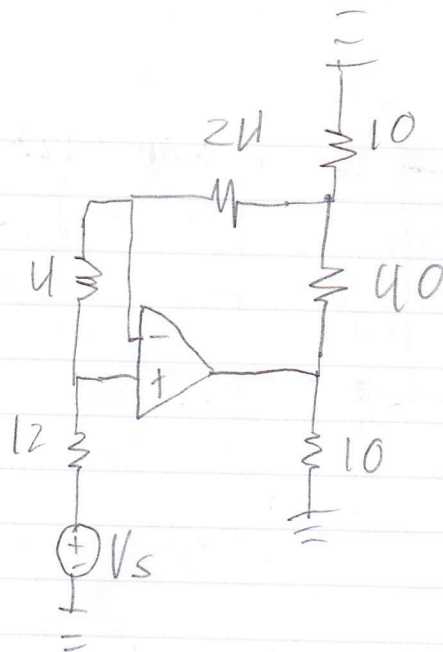


6



$$\frac{V_{out}}{50} \cdot 10 = V_{in} = V_s$$

$$\therefore V_s = V_{out}$$