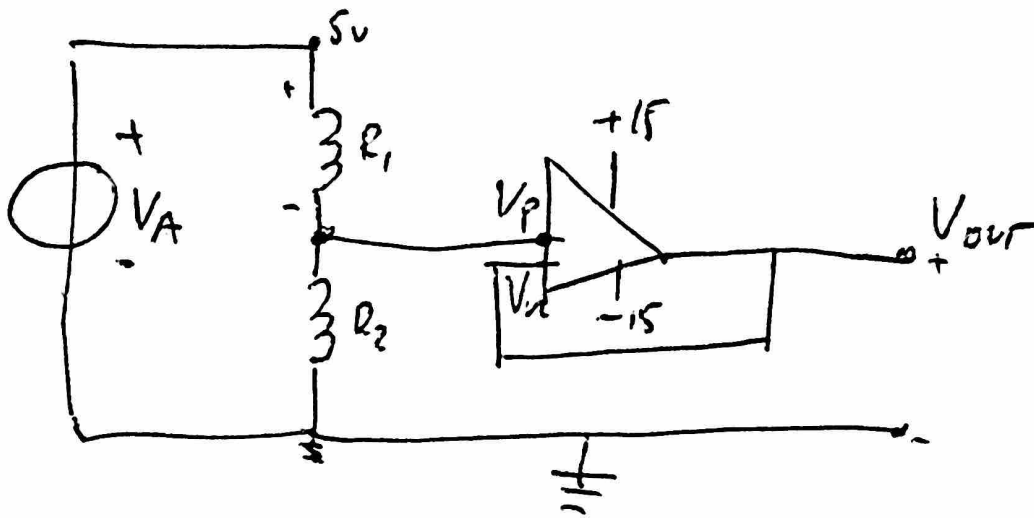


PROBLEM 3



$$R_1 = 10000 \Omega$$

$$R_2 = 10000 \Omega$$

$$V_A = 5V$$

①

$$V_n = V_p$$

$$V_p = V_A - \frac{R_1}{R_1 + R_2} \Rightarrow 5 - \frac{10000}{20000} = 2.5V$$

$$V_{out} = V_n \Rightarrow V_{out} = 2.5V$$