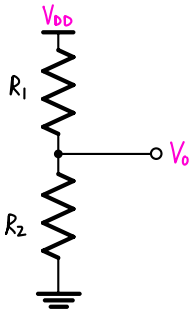
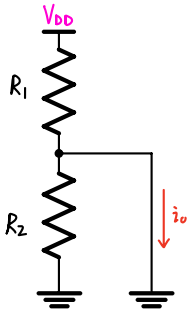
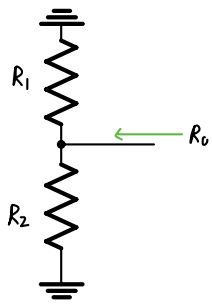


求 i_o:



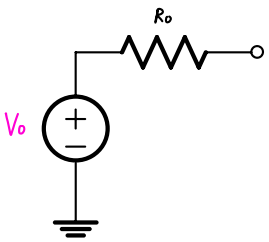
$$i_o = \frac{V_{DD}}{R_1}$$

求 R_o:



$$R_o = R_1 \| R_2$$

$$V_o = i_o R_o = \frac{V_{DD}}{R_1} \times \frac{R_1 R_2}{R_1 + R_2} = \frac{R_2}{R_1 + R_2} \times V_{DD}$$



$$V_o = \frac{R_2}{R_1 + R_2} \times V_{DD}$$

$$R_o = R_1 \| R_2$$