

Q1

Student ID  $\rightarrow$  xx ...  $\overbrace{4\ 3\ 2\ 1}^{\text{last four digits}}$

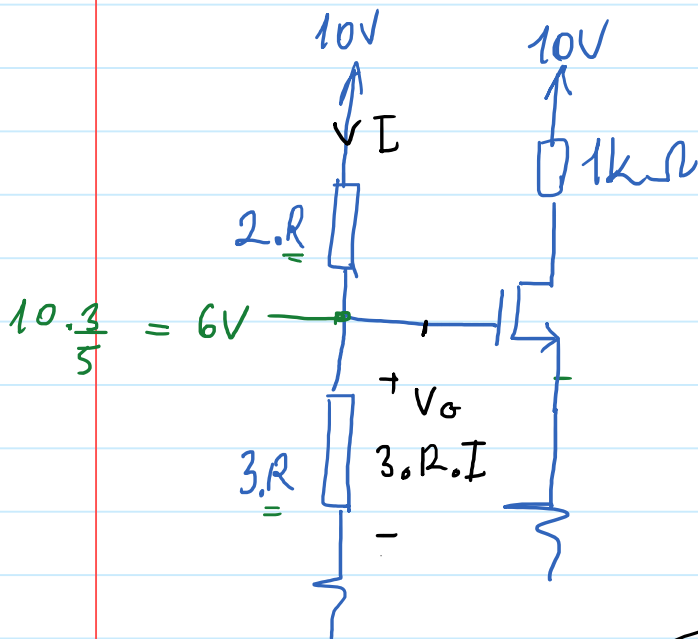
$R = (3 + 1) + 1 = 5$

$R = \boxed{?}$

fixed

Write only the answer, no calculations!!!

Q2



$$V_T = 1V$$

$$V_{ov} = V_{gs} - V_T = ?$$

$$I = \frac{10}{5R}$$

$$V_G = 3R \cdot \frac{10}{5R} = \underline{6V}$$

$$V_{ov} = V_G - V_S - V_T = 6 - 0 - 1 = \underline{5V}$$