



<i>Name:</i>		
<i>Student ID:</i>	Section: 4	Quiz: 2

For the shown circuit, assume $V_{TN} = -V_{TP} = 1V$,
 $\mu_n C_{ox} = 2 \mu_p C_{ox} = 20 \mu A/V^2$, and
 $(W/L)_{Qp} = 2 (W/L)_{Qn} = 20$.

If $v_i = 0.0V$

- What is the status of Q_P (ON or OFF)
- What is the status of Q_N (ON or OFF)
- Find the value of i_{DP}
- Find the value of i_{DN}
- Calculate v_o and determine the region of operation for each transistor.

