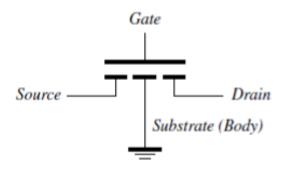
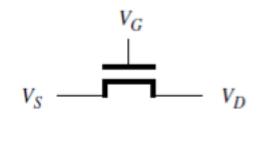
- 1. TicTacToe in the simulator
- 2. Implementation Technology (Appendix B of textbook)

p-type (PMOS) or n-type (NMOS)

Mosfet. Metal oxide semiconductor Field Effect Transitor



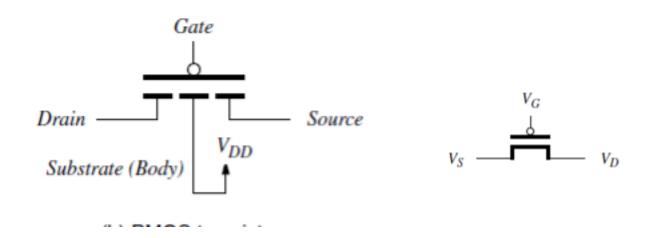




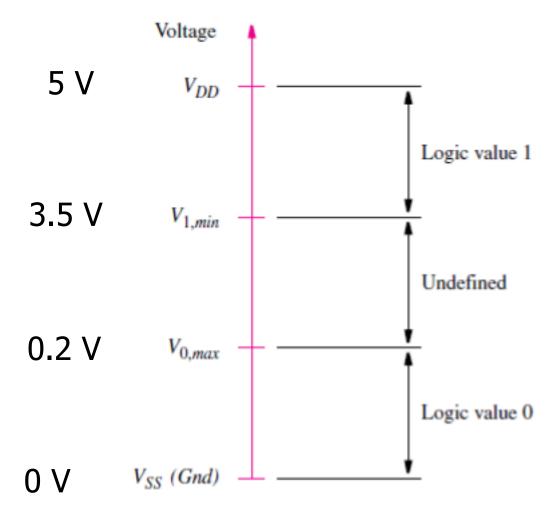
NMOS

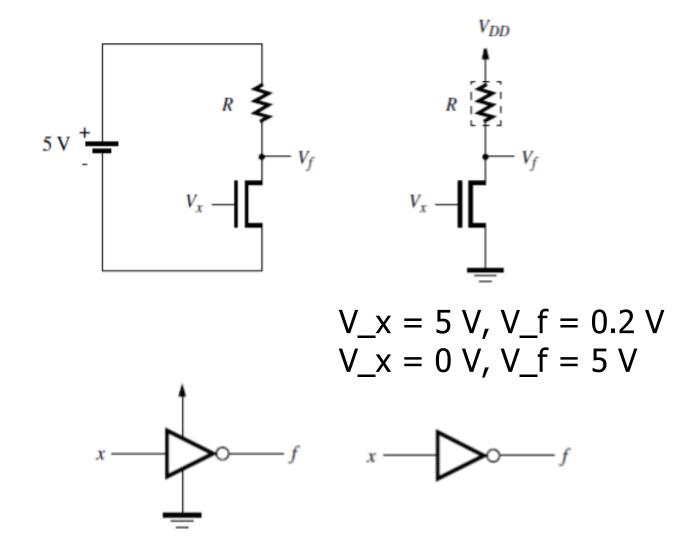
if $V_g = 5V$, then $V_D = V_S$ if $V_g = 0$, then $V_D \le V_S$



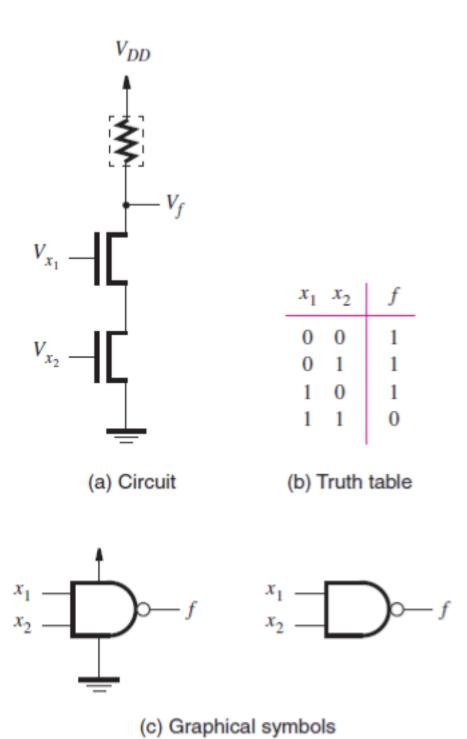


PMOS if $V_G = 5 V$, then $V_S \le V_D$ if $V_G = 0$ then $V_S = V_D$



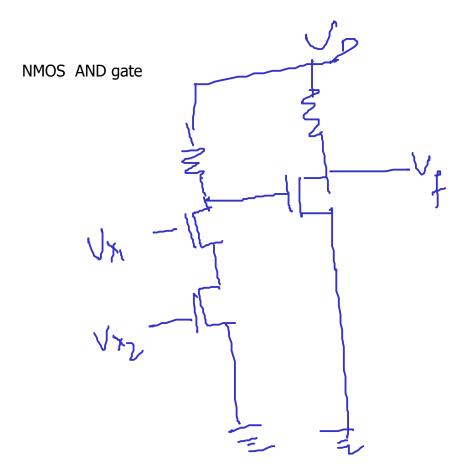


Pull down network/circuit



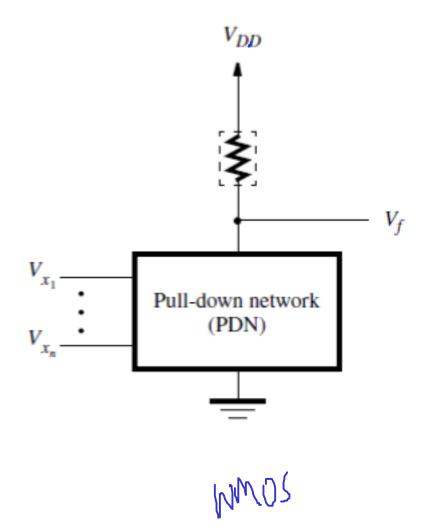
0 0

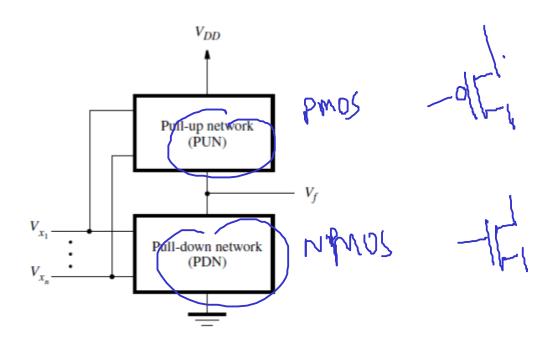
1 10

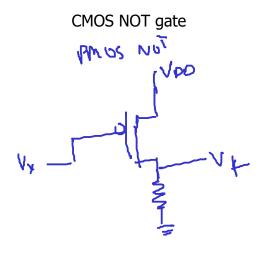


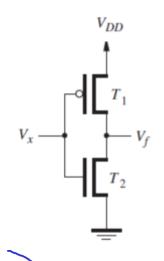
NMOS OR gate

Pull-down network









x	T_1 T_2	f
0	on off	1
1	off on	0

