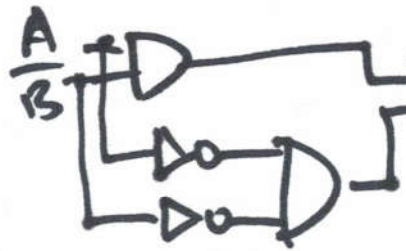
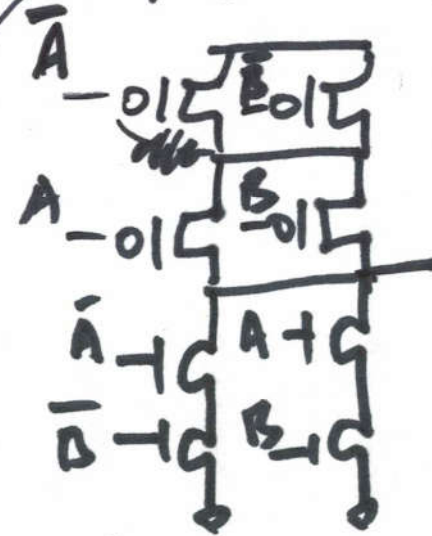
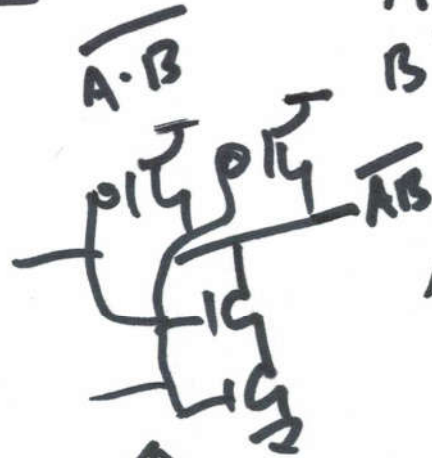


# More on Stick Diagrams

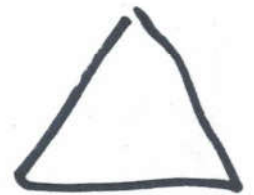
$$Y = A \oplus B = \overline{A}B + A\overline{B} = \overline{\overline{A}B + A\overline{B}}$$



$$Y = A \oplus B$$



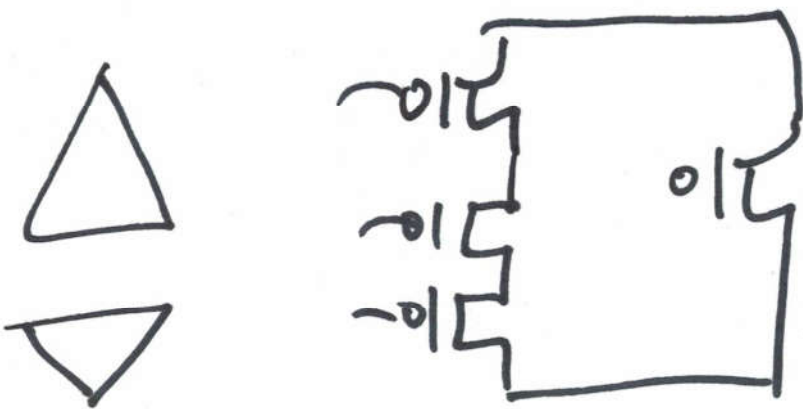
XOR Gate



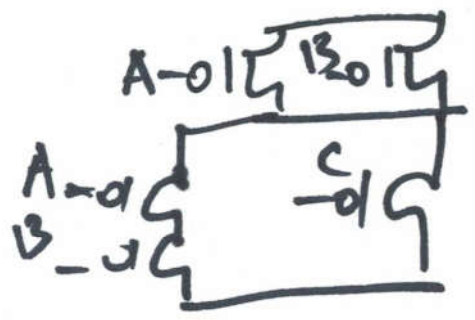
Truth table of NAND NOR

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

$$\overline{(A+B+C) \cdot D}$$



$$\overline{AB+AC+BC} = \overline{AB+(A+B)C}$$



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