Summary of Logic Gates



NOT Gate





А _____ Ч

Inputs	Output
А	В
0	1
1	0

Inputs		Output
A	В	AB
0	0	0
0	1	0
1	0	0
1	1	1





Inpu	its	Output
А	В	A + B
0	0	0
0	1	1
1	0	1
1	1	1



Internal Transistors dictate behaviour (e.g. inverter behaviour above)















XOR Gate



Inpu	its	Output
А	В	A + B
0	0	0
0	1	1
1	0	1
1	1	0

Universal Gates



All logic operations can be achieved using only NAND/NOR gates.





