
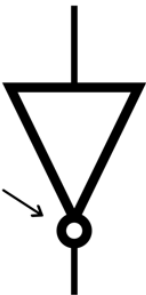


**BUFFER**  
*"Output = Input"*




Input	Output
0	0
1	1

**NOT**  
*"Inverter"*  
*"Opposite circle"*




Input	Output
0	1
1	0

**AND**  
*"This and that"*




A	B	Output
0	0	0
0	1	0
1	0	0
1	1	1

**OR**  
*"This or that"*




A	B	Output
0	0	0
0	1	1
1	0	1
1	1	1

**XOR**  
*"This or that. Not both!"*  
*(aka EXOR/ "Exclusive OR")*




A	B	Output
0	0	0
0	1	1
1	0	1
1	1	0

**NAND**  
*"NOT-AND"*




A	B	Output
0	0	1
0	1	1
1	0	1
1	1	0

**NOR**  
*"NOT-OR"*



A	B	Output
0	0	1
0	1	0
1	0	0
1	1	0

**XNOR**  
*"Exclusive NOT-OR"*  
*(The inverse of an XOR gate)*



A	B	Output
0	0	1
0	1	0
1	0	0
1	1	1