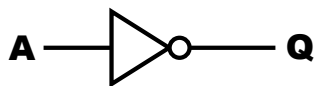


# Logic Gates

**NOT**



A	Q
0	1
1	0

**AND**



A	B	Q
0	0	0
0	1	0
1	0	0
1	1	1

**NAND**  
*NOT AND*



A	B	Q
0	0	1
0	1	1
1	0	1
1	1	0

**OR**



A	B	Q
0	0	0
0	1	1
1	0	1
1	1	1

**NOR**  
*NOT OR*



A	B	Q
0	0	1
0	1	0
1	0	0
1	1	0

**XOR**



A	B	Q
0	0	0
0	1	1
1	0	1
1	1	0

**XNOR**  
*NOT XOR*



A	B	Q
0	0	1
0	1	0
1	0	0
1	1	1