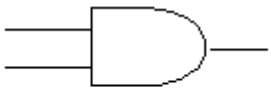
Summary of Logic Gates

AND

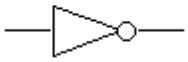


A	B	A • B
0	0	0
0	1	0
1	0	0
1	1	1

OR

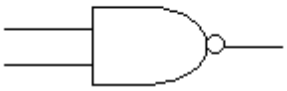
A	B	A + B
0	0	0
0	1	1
1	0	1
1	1	1

NOT



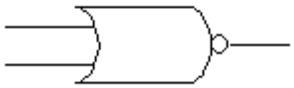
A	$\overline{A}$
0	1
1	0

NAND



A	B	$\overline{(A \bullet B)}$
0	0	1
0	1	1
1	0	1
1	1	0

NOR



A	B	$\overline{(A + B)}$
0	0	1
0	1	0
1	0	0
1	1	0

XOR

A	B	$A \oplus B$
0	0	0
0	1	1
1	0	1
1	1	0

XNOR

A	B	$\overline{(A \oplus B)}$
0	0	1
0	1	0
1	0	0
1	1	1