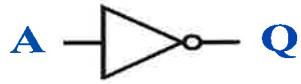


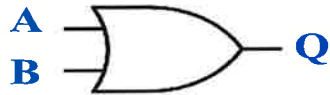
NOT



\bar{A} or $\neg A$

Input	Output
A	Q
1	0
0	1

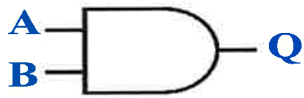
OR



$A+B$ or $A \vee B$

Input 1	Input 2	Output
A	B	Q
1	1	1
1	0	1
0	1	1
0	0	0

AND



$A \cdot B$ or $A \wedge B$

Input 1	Input 2	Output
A	B	Q
1	1	1
1	0	0
0	1	0
0	0	0

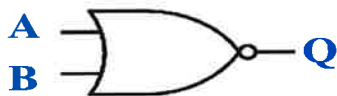
XOR



$A \oplus B$

Input 1	Input 2	Output
A	B	Q
1	1	0
1	0	1
0	1	1
0	0	0

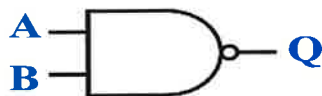
NOR



$\overline{A+B}$ or $\overline{A \vee B}$

Input 1	Input 2	Output
A	B	Q
1	1	0
1	0	0
0	1	0
0	0	1

NAND



$\overline{A \cdot B}$ or $\overline{A \wedge B}$

Input 1	Input 2	Output
A	B	Q
1	1	0
1	0	1
0	1	1
0	0	1

XNOR



$\overline{A \oplus B}$

Input 1	Input 2	Output
A	B	Q
1	1	1
1	0	0
0	1	0
0	0	1