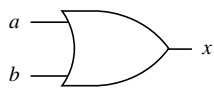


$$x = a \cdot b$$

<i>a</i>	<i>b</i>	<i>x</i>
0	0	0
0	1	0
1	0	0
1	1	1

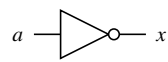
(a) AND gate.



$$x = a + b$$

<i>a</i>	<i>b</i>	<i>x</i>
0	0	0
0	1	1
1	0	1
1	1	1

(b) OR gate.



$$x = a'$$

<i>a</i>	<i>x</i>
0	1
1	0

(c) Inverter.