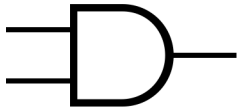
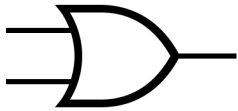
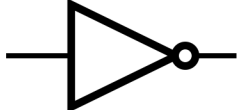

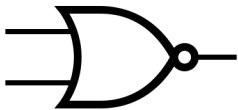
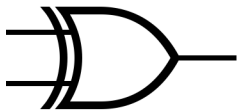
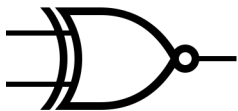
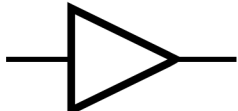


<p>AND</p> <p>Any low in = Low out</p>		$A \cdot B$	Input		Output
			B	A	A AND B
			0	0	0
			0	1	0
			1	1	1
<p>OR</p> <p>Any high in = High out</p>		$A + B$	Input		Output
			B	A	A OR B
			0	0	0
			0	1	1
			1	1	1
<p>NOT</p> <p>Input is inverted</p>		\overline{A}	Input		Output
			A		NOT A
			0	1	
<p>NAND</p> <p>Any low in = High out</p>		$\overline{A \cdot B}$	Input		Output
			B	A	A NAND B
			0	0	1
			0	1	1
			1	1	0
<p>NOR</p> <p>Any high in = Low out</p>		$\overline{A + B}$	Input		Output
			B	A	A NOR B
			0	0	1
			0	1	0
			1	1	0
<p>XOR</p> <p>Odd count of highs = High</p>		$A \oplus B$	Input		Output
			B	A	A XOR B
			0	0	0
			0	1	1
			1	1	0
<p>XNOR</p> <p>Even count of highs = high</p>		$\overline{A \oplus B}$	Input		Output
			B	A	A XNOR B
			0	0	1
			0	1	0
			1	1	1
<p>YES</p> <p>Input = Output</p>		A	Input		Output
			A		A
			0	0	
			1	1	