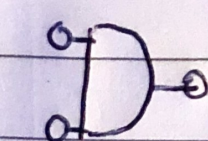
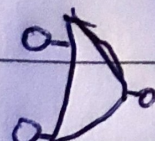


1	A	B	AND	OR	XOR	NAND	NOR
	0	0	0	0	0	1	1
	0	1	0	1	1	1	0
	1	0	0	1	1	1	0
	1	1	1	1	0	0	0



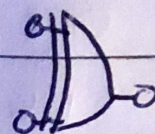
$a \& b$

$A \cdot B$



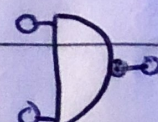
$a || b$

$A + B$



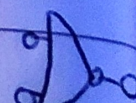
$!(a == b)$

(



$!(a \& b)$

$A \oplus B$



$!(a || b)$

$!(A + B)$

2 $!(a \& b)$

$A = B$

3 NAND Gate

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

4	A	B	XOR
	0	0	0
	0	1	1
	1	0	1
	1	1	0

5 DeMorgan's Law