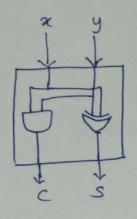
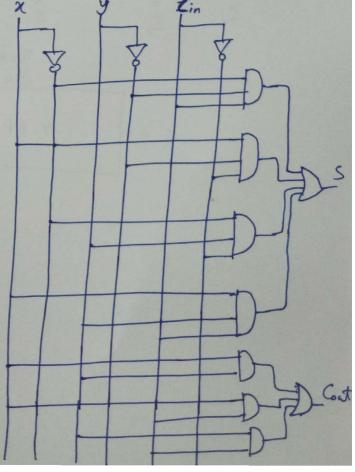
Half Adder



×	9	S	C1
0	0	0	0
0	1	1	0
1	0	1	0
(1	1	1

Full Adder

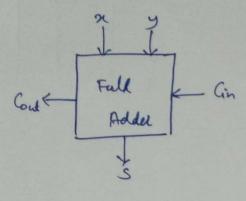
x	y	Cin	S	Cout
0	0	O	0	0
0	0	1	1	0
D	1	0	1	0
0	1	1	0	(
1	0	ō	1	0
1	0	1	0	1
1	1	0	0	1
1	1	1	1	1



Scanned by CamScanner



(arry out
$$C(cout)$$
 = $xy C(in + xy C(in + xy$



4-bit Adder

