

$$z=1 \quad \text{if } A+B > 3$$

$$A, B = 0, 1, 2, 3$$

	$A_1 A_0$	$B_1 B_0$	z
0	00	00	0
1	00	01	0
2	00	10	0
3	00	11	0
4	01	00	0
5	01	01	0
6	01	10	0
7	01	11	1
8	10	00	0
9	10	01	0
10	10	10	1
11	10	11	1
12	11	00	0
13	11	01	1
14	11	10	1
15	11	11	1

$A_1 A_0$	$B_1 B_0$	00	01	10	11
$B_1 B_0$	00				
01					1
10	1	1	1	1	1
11				1	1

$$z = A_1 B_1 + A_1 A_0 B_0 + A_0 B_1 B_0$$