

3.

- input (xyz), output (ABC)

xyz = 000 ~ 111, not including "100"

x	y	z	A	B	C
0	0	0	0	0	0
0	0	1	0	0	1
0	1	0	0	1	0
0	1	1	0	1	1
1	0	0	0	x	x
1	0	1	0	1	1
1	1	0	0	1	0
1	1	1	0	0	1

don't care

yz	00	01	11	10
x=0			1	1
x=1	X	1		1

$$B = x'y + yz' + xy'$$

<C>

yz	00	01	11	10
x=0		1	1	
x=1	X	1	1	

$$C = z$$

$$A = 0$$

$$B = x'y + xy' + yz'$$

$$C = z$$

