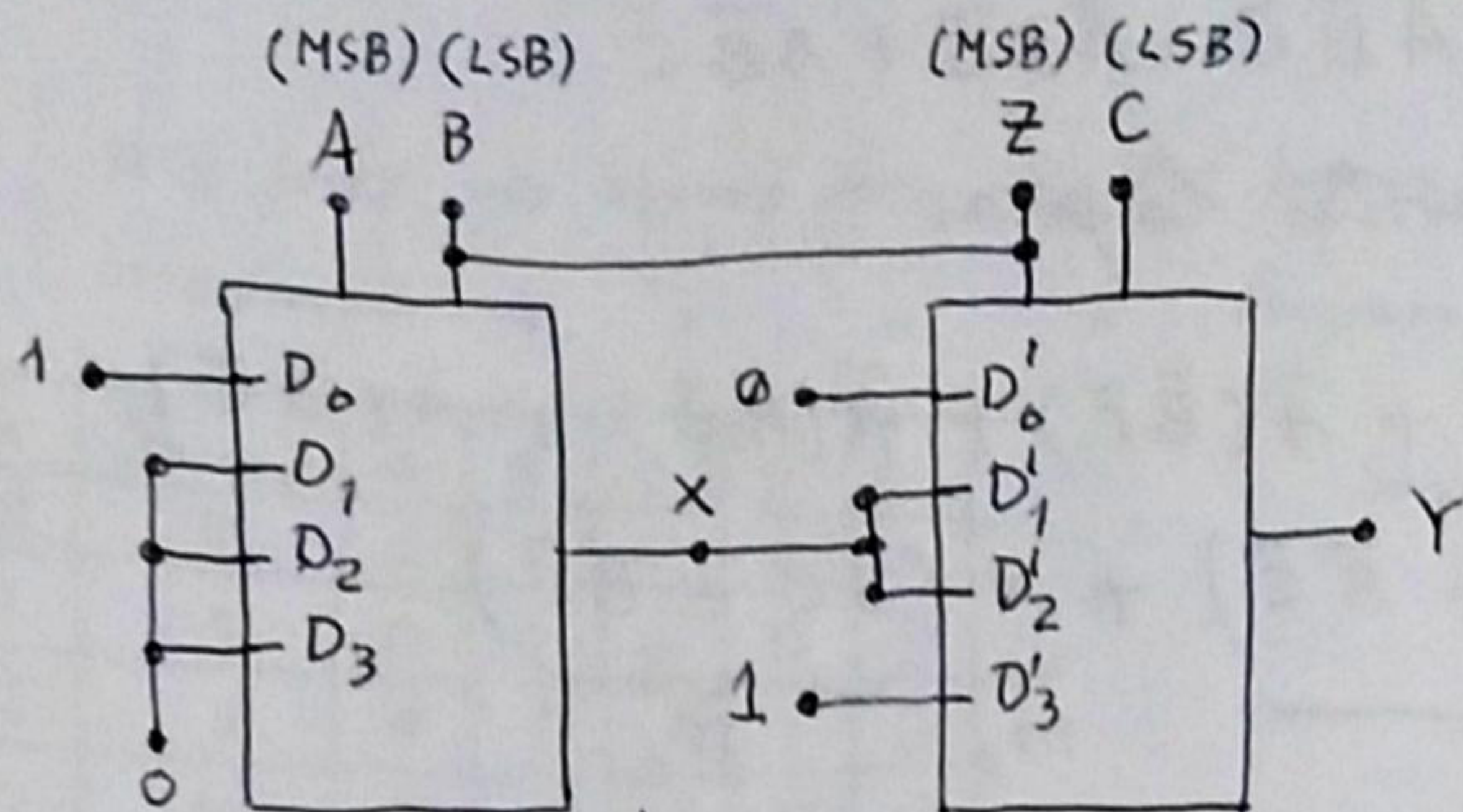


4A.

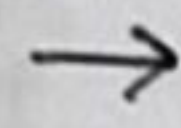


$$Z = B$$

$$D'_1 = D'_2 = X$$

a)

A	B	Z	C	D_n	X	D'_n	Y
0	0	0	0	D_0	1	D'_0	0
0	0	0	1	D_0	1	D'_1	1
0	1	1	0	D_1	0	D'_2	0
0	1	1	1	D_1	0	D'_3	1
1	0	0	0	D_2	0	D'_0	0
1	0	0	1	D_2	0	D'_1	0
1	1	1	0	D_3	0	D'_2	0
1	1	1	1	D_3	0	D'_3	1



$Y(A, B, C)$

A	B	C	Y
0	0	0	0
0	0	1	1
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	1

b) MUX 4:1 e portas lógicas

A	B	Y
0	0	C
0	1	C
1	0	0
1	1	C

D_0
 D_1
 D_2
 D_3

