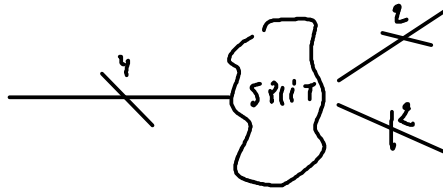
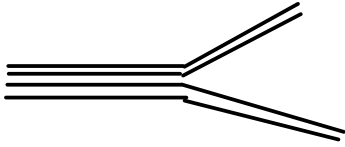
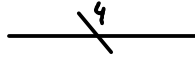


split vs. decoder

"BUS"

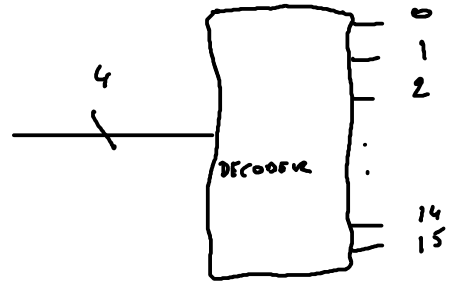
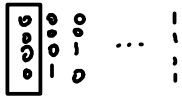


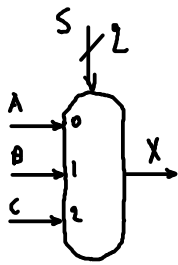
- 0
- 1



- 14
- 15

4 bit $\rightarrow 2^4 = 16$ mogelijke bit combinaties



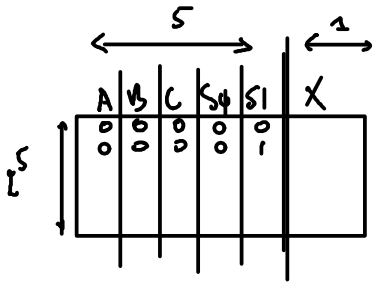


S_1	S_0	A	B	C
0	0	0	0	0
0	1	0	1	0
1	0	1	0	0
1	1	1	1	0

$$\Delta t = ?$$

$$\#G = ?$$

I

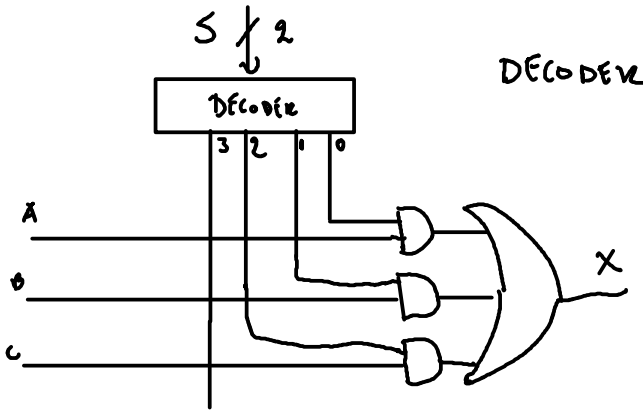


SUM OF PRODUCTS

$$\Delta t = 2\epsilon$$

$$\#G = 2^5 + 1 = 33$$

II



DECODER

NOTE: SUM OF PRODUCTS

$$\Delta t = \Delta t_{\text{DECODER}} + 2\epsilon$$

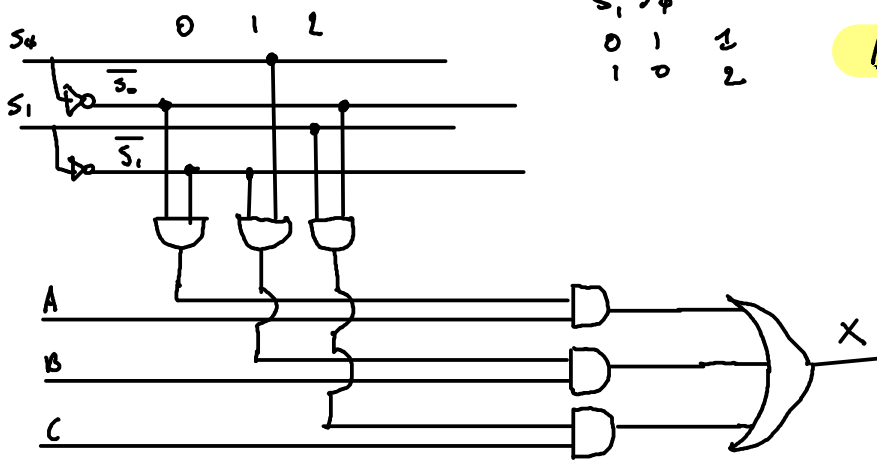
$$\#G =$$

$$= 2\epsilon + 2\epsilon = 4\epsilon$$

$$\#G_{\text{DECODER}} + 4 =$$

$$(2^2 + 4) + 4 = 12$$

III



S_1	S_0	
0	1	2
1	0	2

$$\Delta t = 3\epsilon$$

$$\#G = 7$$

