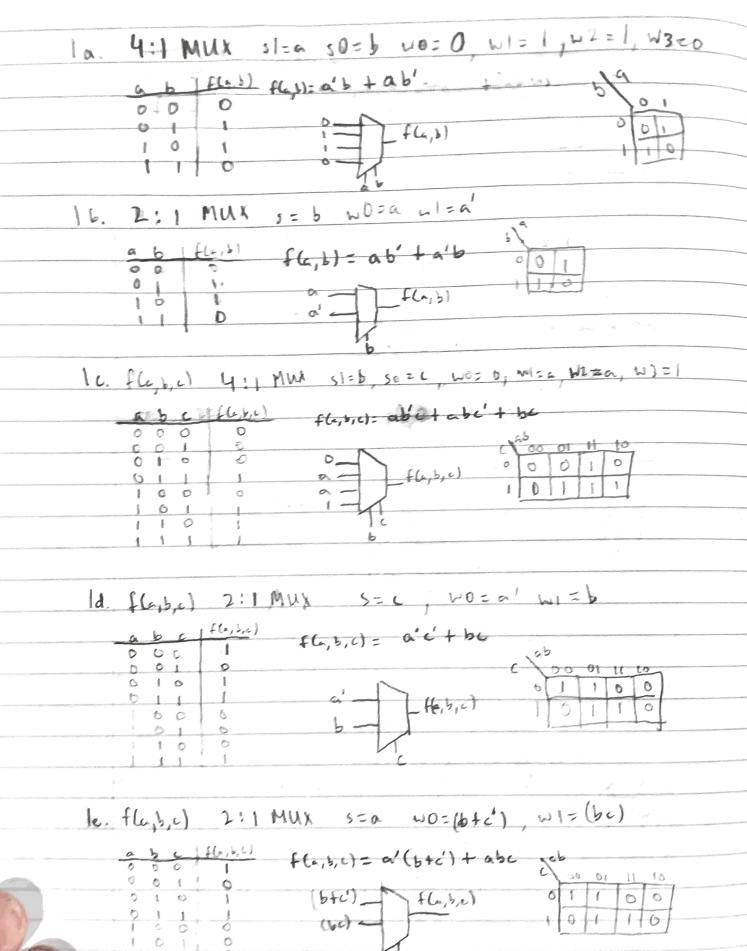
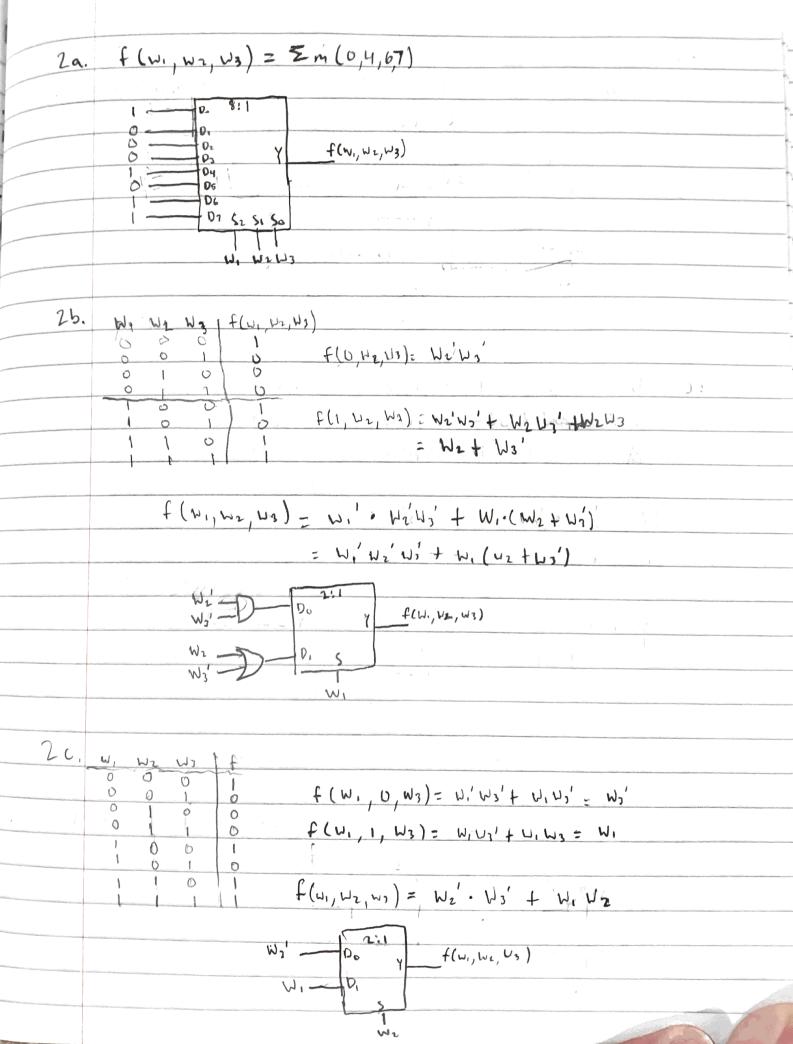
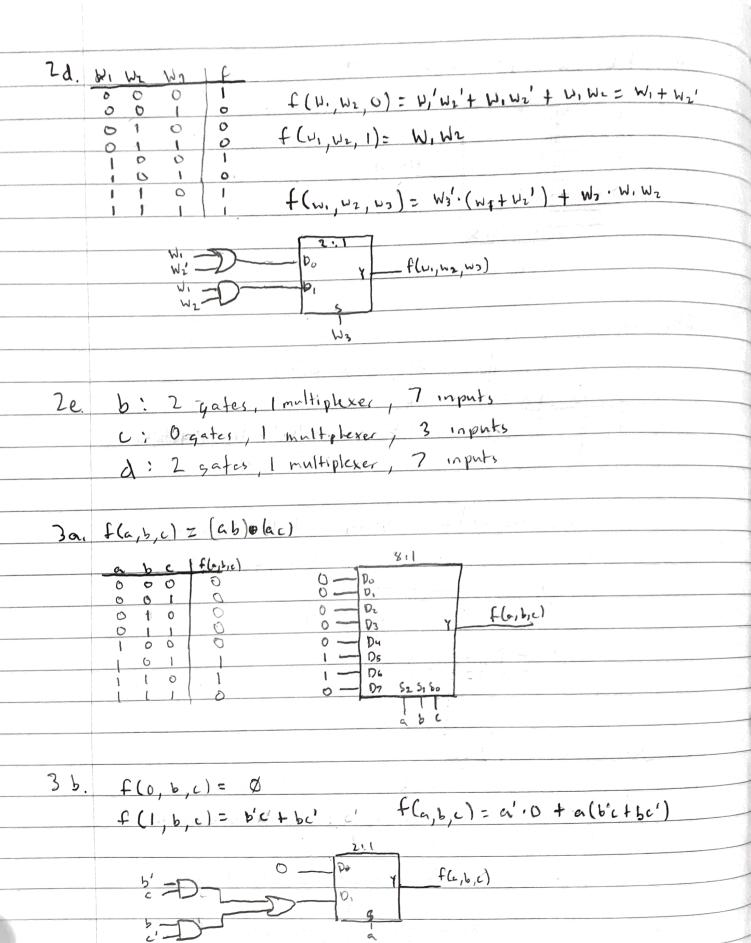
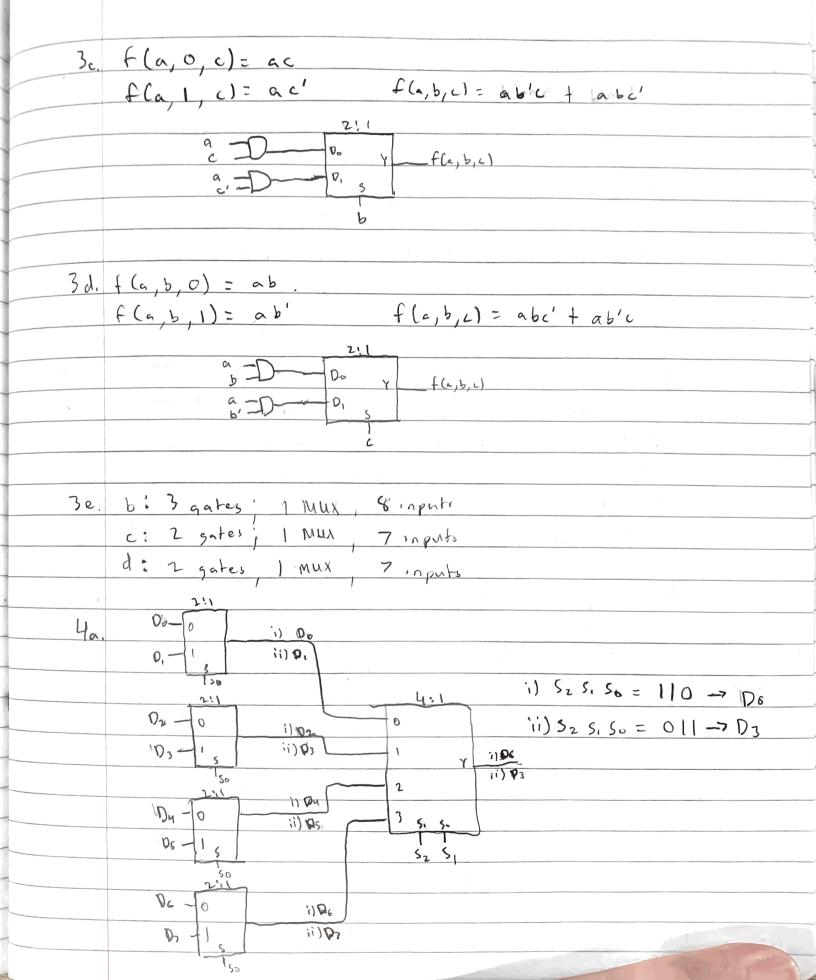
1-lonework 3

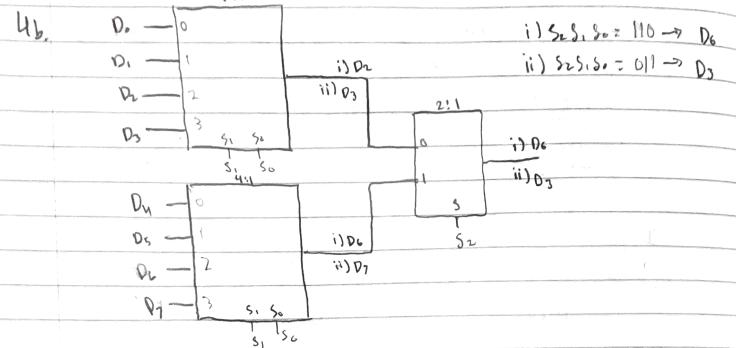












The number of inputs in the each systems is differents

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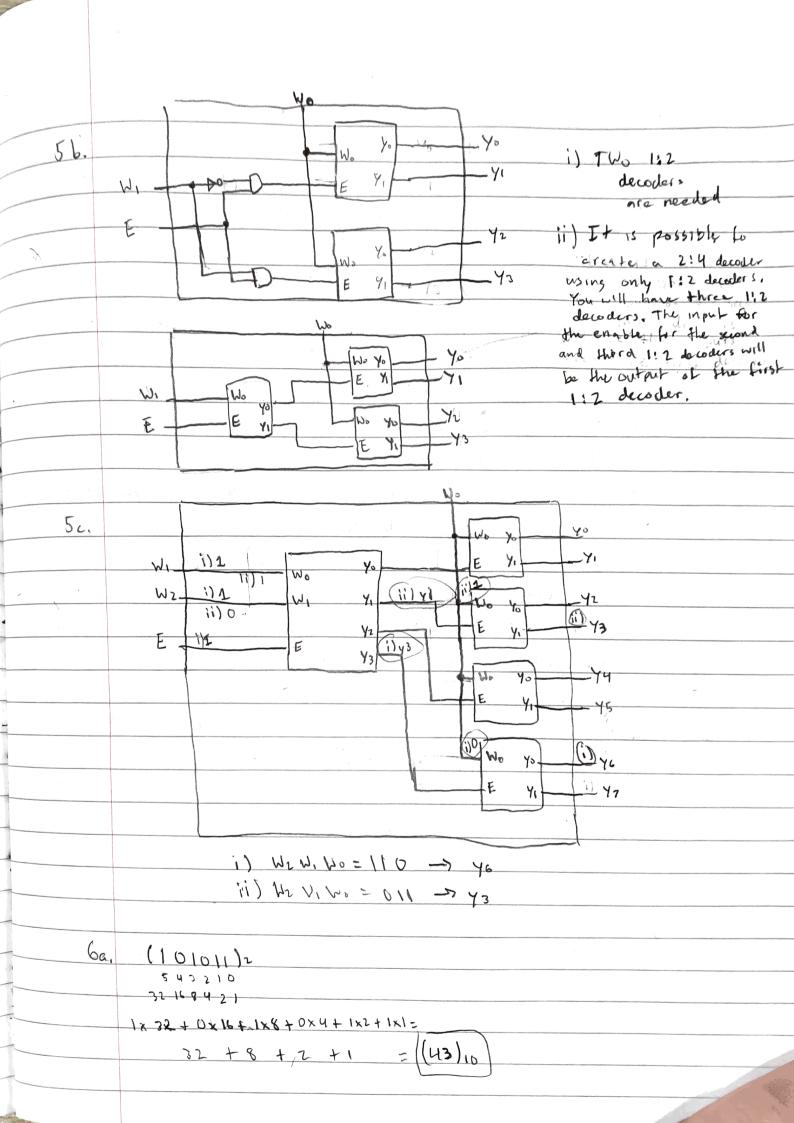
The number of inputs in the each systems is differents

The Table 2:1 Mux is but 12 inputs, while

two 4:1 Mux to 2:1 Mux is better because less inputs

which makes it easier to find the output of the system.

			manuschen in den der	Wz Wo
5a.	En	WaWD	1 40 41 42 43	TRIP Y.
	0	XX	0000	
	1	0 0	1000	The state of the s
	1	0 1	6100	50 5
	1	1 0	0010	- Y2
	deposition .	1 1	0001	Уч



6e,
$$(111110)_2$$

 32168421
 $1\times32+1\times16+1\times8+1\times4+1\times2+0\times1=32+16+8+4+2=(62)_{10}$

$$7a, \frac{(101011)_{2}}{543210}$$

$$-32+8+2+1 = (-21)_{10}$$

76.
$$(010 \mid 011)_2$$
69 32 16 8 4 2 1
32 +8 +2+1 = $(43)_{10}$

7c. $(0011111)_2$ 65 13 2 10
64 32 16 8 4 2 1 $16 + 8 + 4 + 2 + 1 = (31)_{10}$

7d. $(111100)_2$ 543210 32168421 $-32+16+8+4=(-4)_{10}$

7e. (111110)2 5 4 5 2 1 0 32 16 8 4 2 1 -32 + 16 + 8 + 4 + 2 = (-2)₁₀