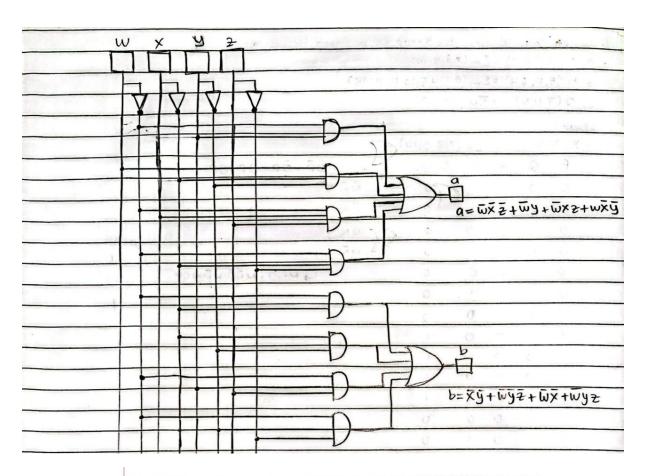
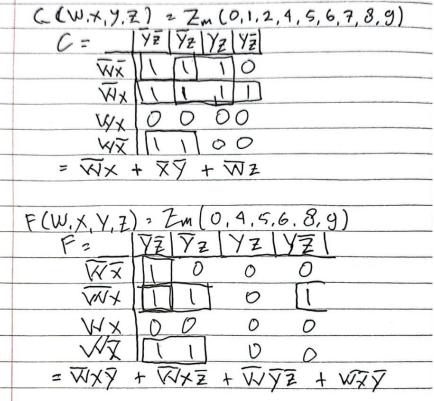
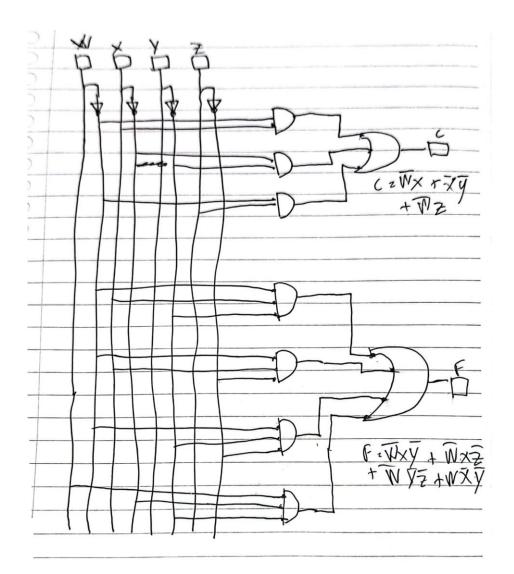
7 SEGMENT DISPLAY K-MAP

Decimal	Input lines				Output lines							Display
Digit	Α	В	C	D	a	b	C	d	е	f	g	pattern
0	0	0	0	0	1	1	1	1	1	1	0	8
1	0	0	0	1	0	1	1	0	0	0	0	8
2	0	0	1	0	1	1	0	1	1	0	1	8
3	0	0	1	1	1	1	1	1	0	0	1	8
4	0	1	0	0	0	1	1	0	0	1	1	8
5	0	1	0	1	1	0	1	1	0	1	1	8
6	0	1	1	0	1	0	1	1	1	1	1	8
7	0	1	1	1	1	1	1	0	0	0	0	8
8	1	0	0	0	1	1	1	1	1	1	1	8
9	1	0	0	1	1	1	1	1	0	1	1	9

(a.)	St WX	ÿ 2	92	45	y2	a(w,x,y,z)=2m(0,2,3,5,6,7,8,9)
	ω×	F	0	T		
	ωx	0	(I	U	J	⇒ ūx̄=+ūy+ūxz + wx̄ 9̄
	wΧ	0	0	0	0	
	wx	T	1	0	0	
(b.)	mx As	92	92	4 2	уī	b(W,X,Y,Z)=Em(0,1,2,3,4,7,8,9)
	wx wx	m	1	m	n	
	ωx	U	0	U	0	⇒ xg+ wgz+ wx+ wyz
	wx	0	0	0	0	
				0	0	







e.)	WX Z	ÝZ	YZ	15	YZ	e(w,x,y,z) = Zm(0,2,6,8)
	wx	(1).	0,	O	The	AS 285 AS INC. STORY
	Ψ×	0	Ο,	0,	1)	e: xyz + wyz
	wx	On	0,,	0	0,15	
des.	wx	1 8	0,	0,	0	
1800	100	Is .				
			7		2.4	-
3.)	MXXS	Ϋ́Z	YZ.	YZ	YZ	g(w,xx,z)= Zm(2,3,4,5,6,8,9)
	wx	0.	0	1		
	ŵ×	1	D	0	U	9= Wxy + Wyz + Wxy + wxy
	wx	0	0	0	0	i i
	wx	T	D	0	0	

