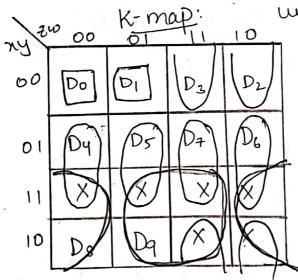
1 Inputs: x, y, Z, w

Outputs: Do, D1, D2 1D3, D41 D5 1D61 D41 D8, D9

				_									MANAGEMENT OF THE PARTY OF THE	Author State of the State of th
	χ	y	Z	φ	Do	Di	D2	D3	Dy	Ds	D6	D7	D8	Da
1	0	0	0	0	31	Ö	0	0	0	0	0	0	0	0
+	.0	0	0	1	0	1	0	0	0	0	0	0	O	.0
	O	0	1	O	0	0	1	0	0	0	0	0	0	0
	.0	0			0	0	0	1	0	0	0	0	0	0
	O		O	O	0	0	0	0	I	0	0	10	0	0
	D		0	1	0	D	0	D	0	Ī	0	0	0	0
	D	1	1	0	O	D	0	0	0	0	l	0	D	0
	0	1	1	1	0	Ō	0	0	0	0	0	1	0	6
		D	0	0	0	0	0	0	0	0	0	0		0
	١	0	0	1	0	0	0	0	0	0	0	0	0	

For other all values, they are considered as DONT CARE values



Do = X'y'z'w'

D(= X'y'z'w)

D2 = Y'zw'

D3 = Y'zw

D4 = Yz'w

D5 = Yzw'

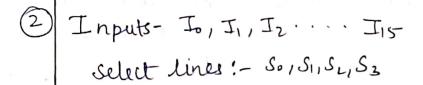
D6 = Yzw'

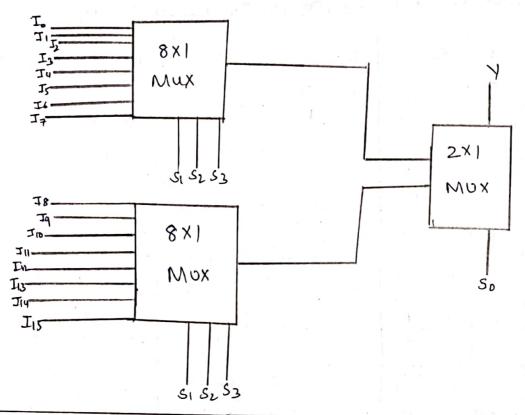
D7 = Yzw

D8 = Xw'

D9 = Xw

D9 = Xw



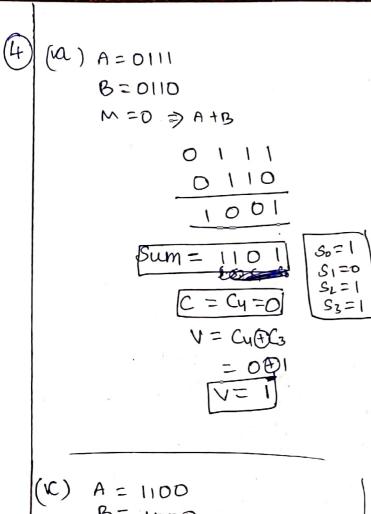


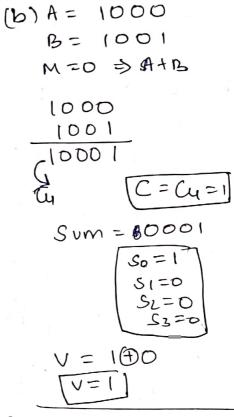
A= 1	B7= 0
A6 = 0	B6= 1
As= 0	Bs = 0
A42 0	By= 0
A3= 1	B3= 1
A2 = 0	B2= 0
AIF O	B1= 0
A0= 1	Bo = 0

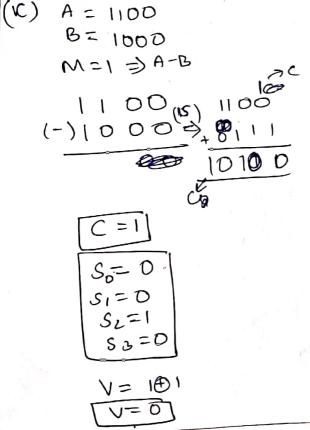
During addition co=0

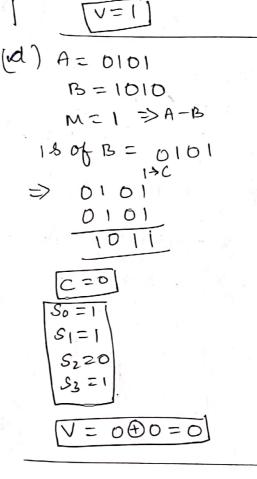
Water

high-order Low order 1000 jans 1001 0100 1000

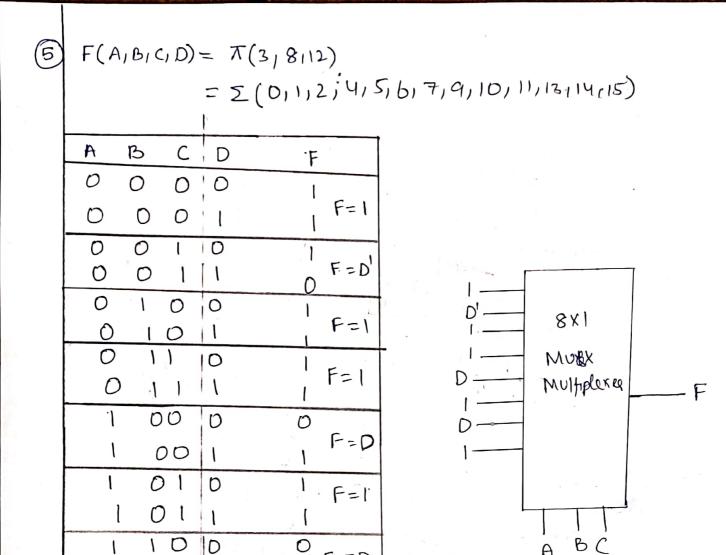




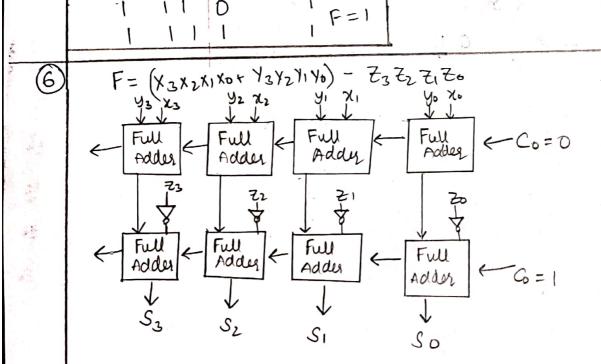




(e)
$$A = 0000$$
 $B = 0001$
 $S_0 = 1$
 $S_1 = 1$
 $S_2 = 1$
 $S_3 = 1$
 $S_3 = 1$
 $S_4 = 1$
 $S_3 = 1$
 $S_4 = 1$
 $S_3 = 1$
 $S_4 = 1$



F=D



D