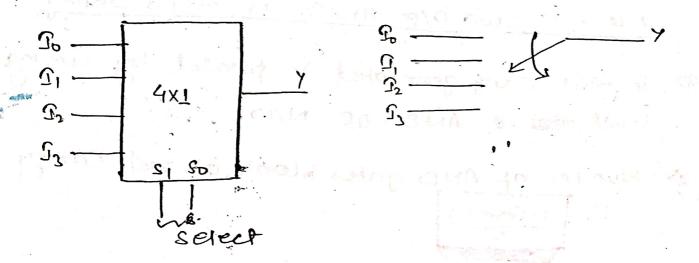
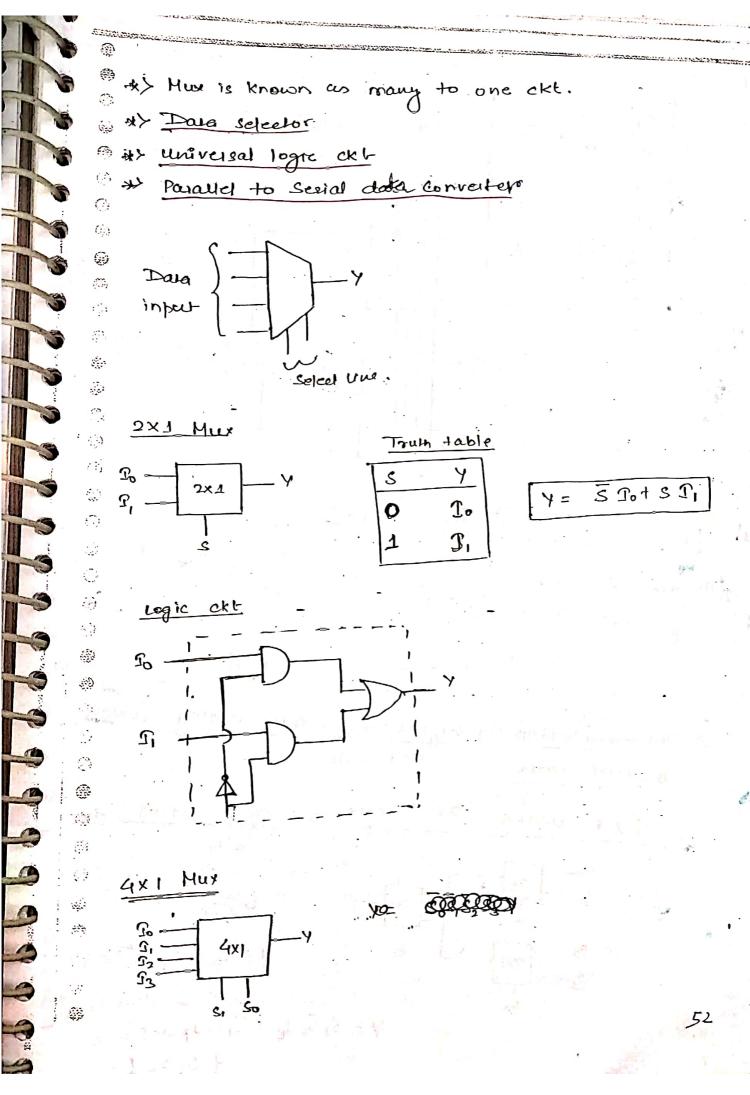
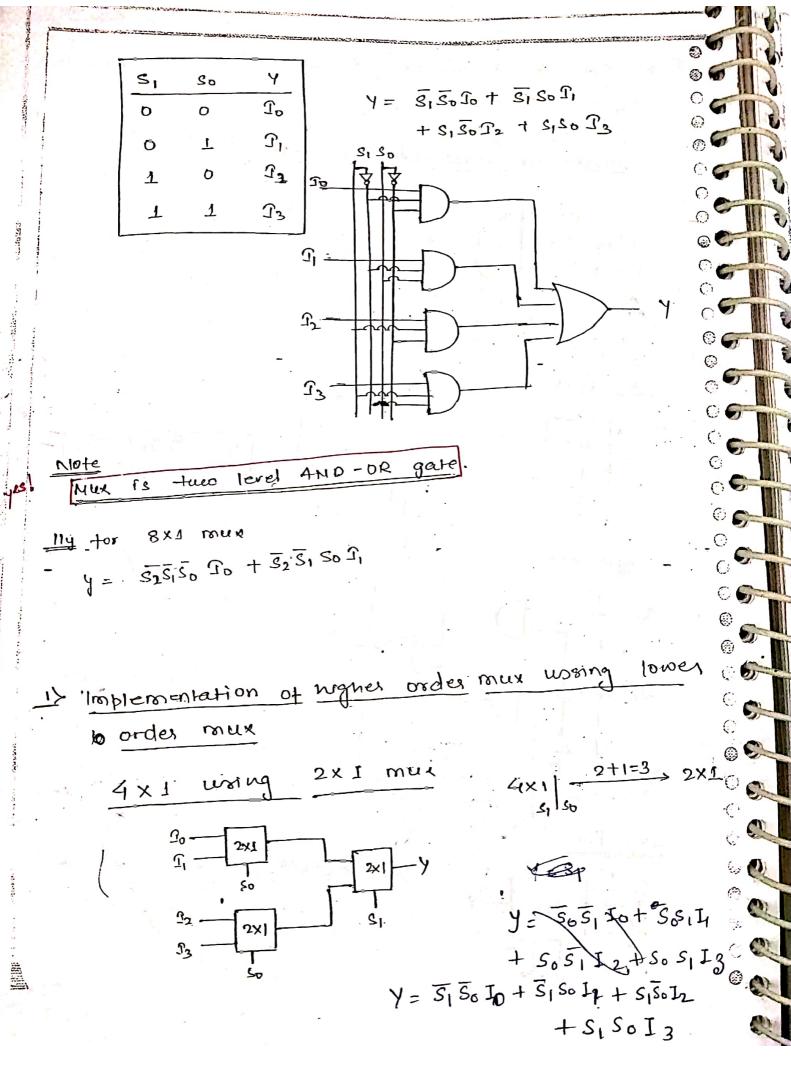
## Multiplex es

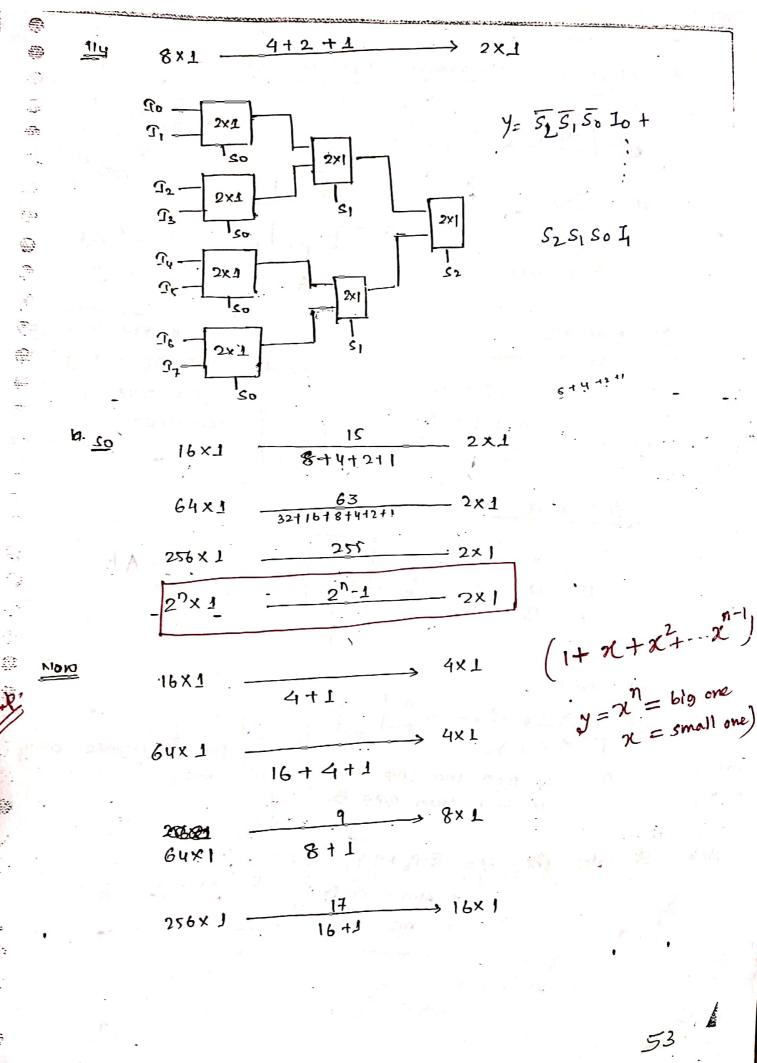
Multipleres is a combinational ckt nowen has may data i/P and one 0/P une.

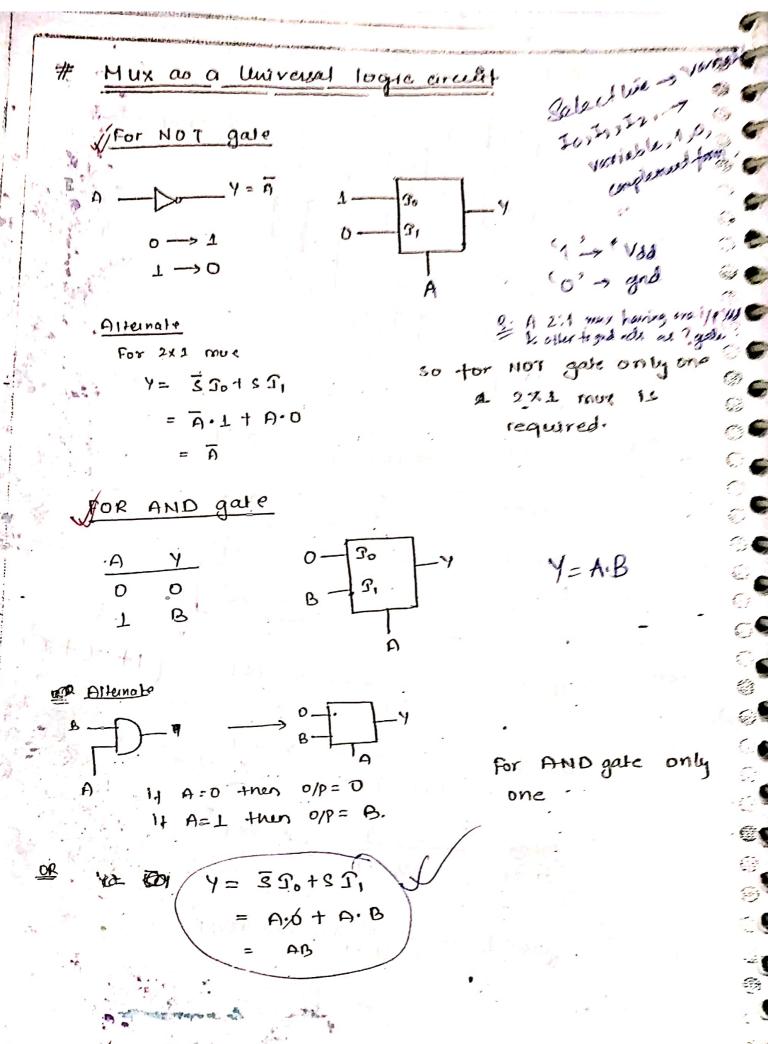


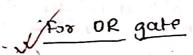




Scanned by CamScanner

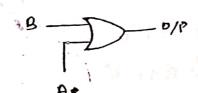






6

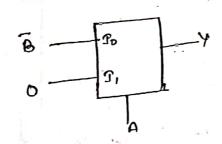
(



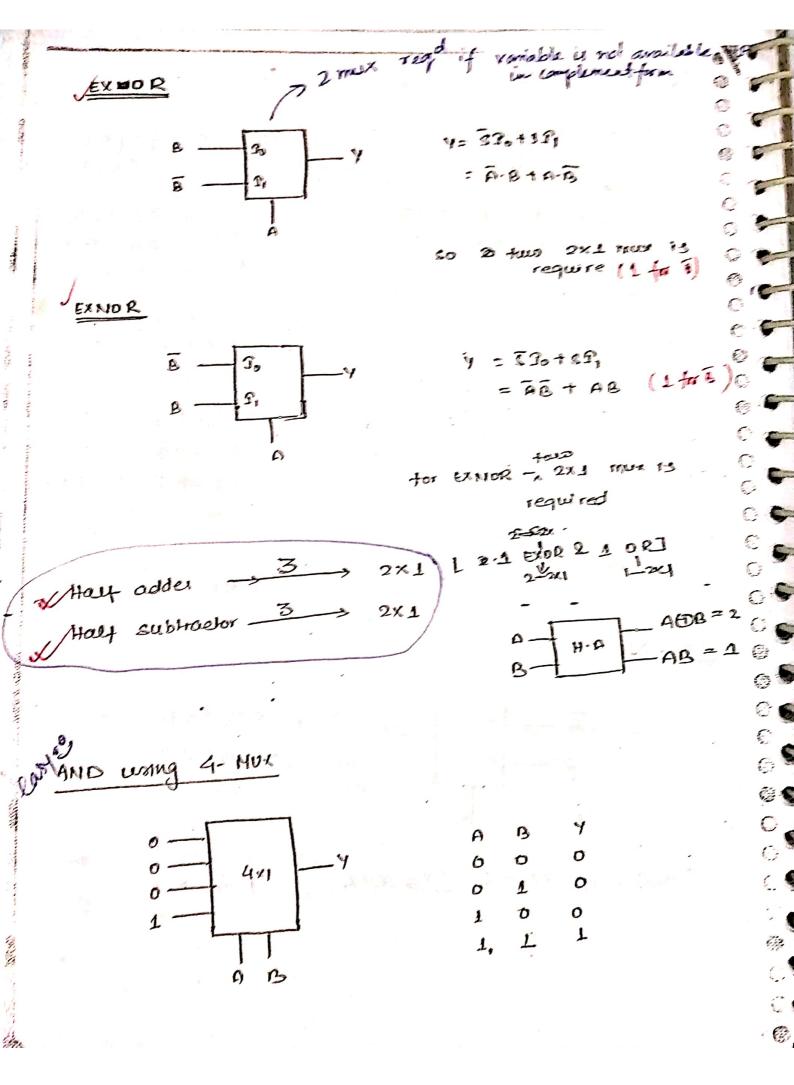
if 
$$A = 0$$
 then  $0/p$  is B
$$A = 1 \quad \text{then } 0/p \text{ is } 1$$

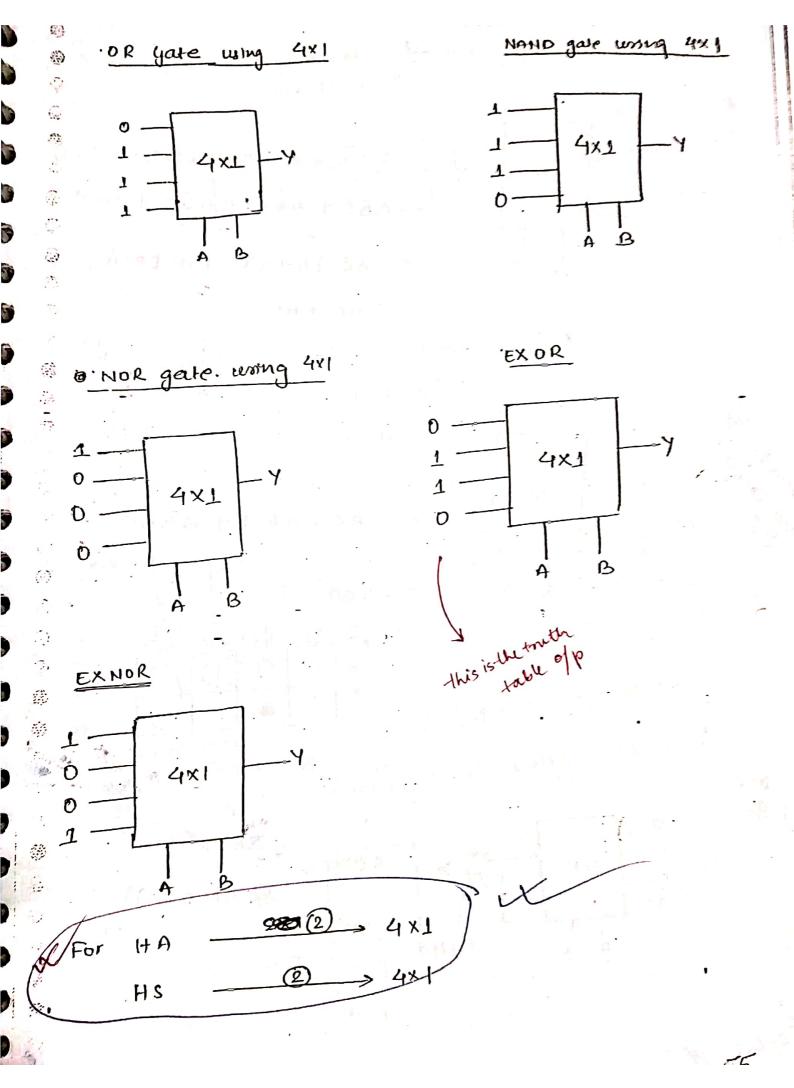
# or NAND gate

#### NOR gate For

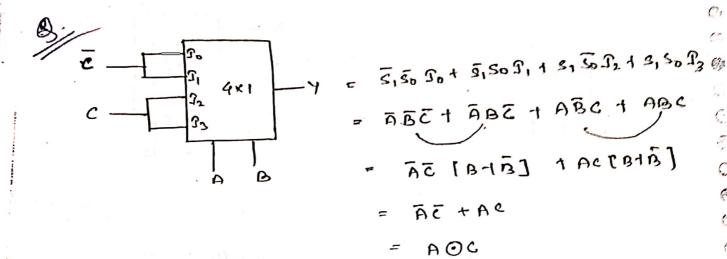


2x1 mux Not requires

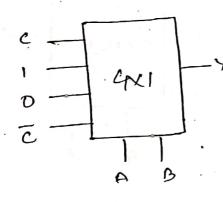




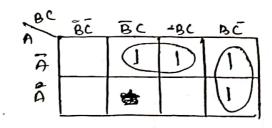
## Minimized logic expression of MUK.



2 Sterred

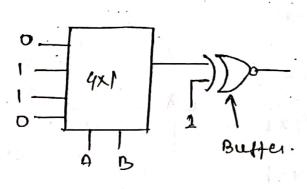


= ABC+AB·I+AB·O +ABC



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135 Bell

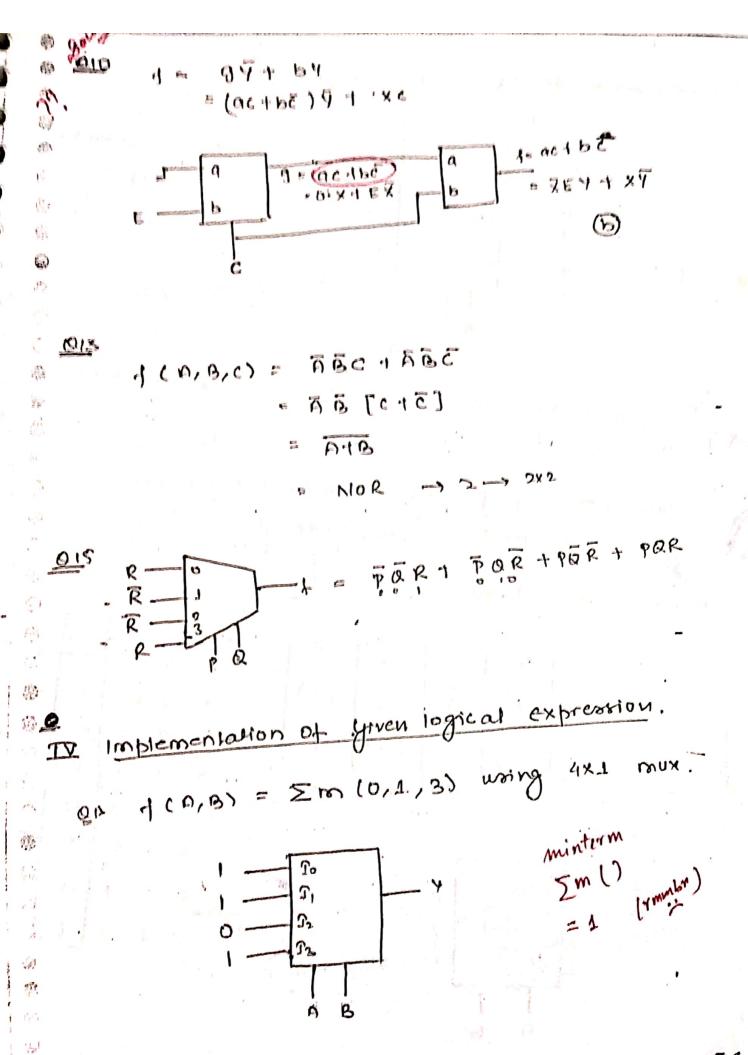


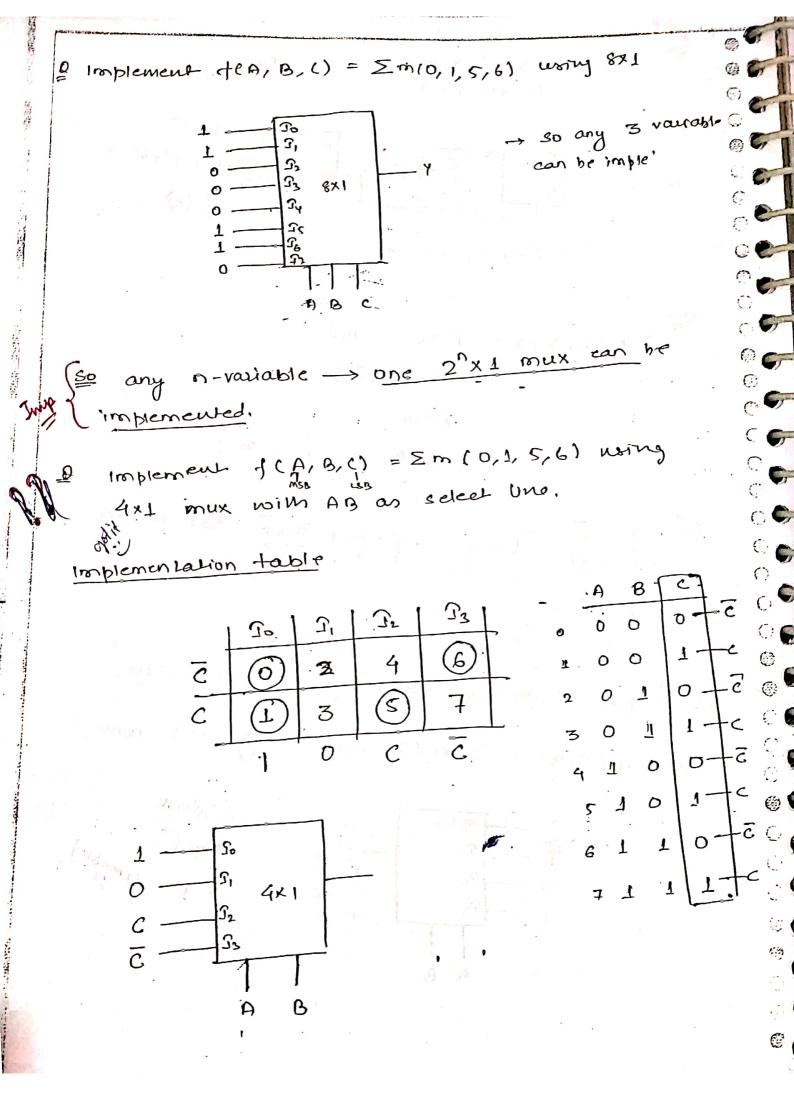
C

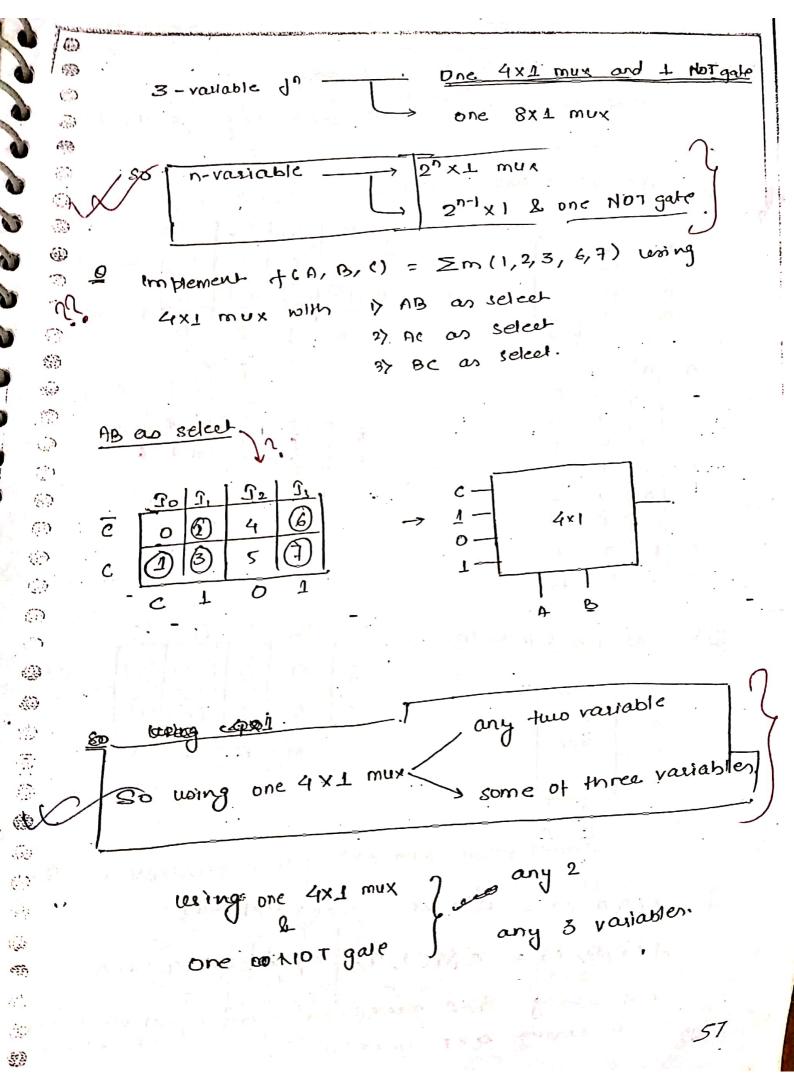
 $C_{ij}$ 

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using one 8×1. mux

some 105 4 1'variables.

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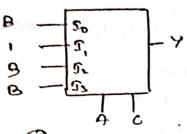
€?)

572

110

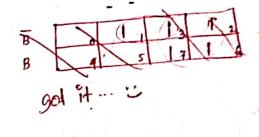
**®** 

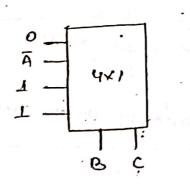
### is Ac select time

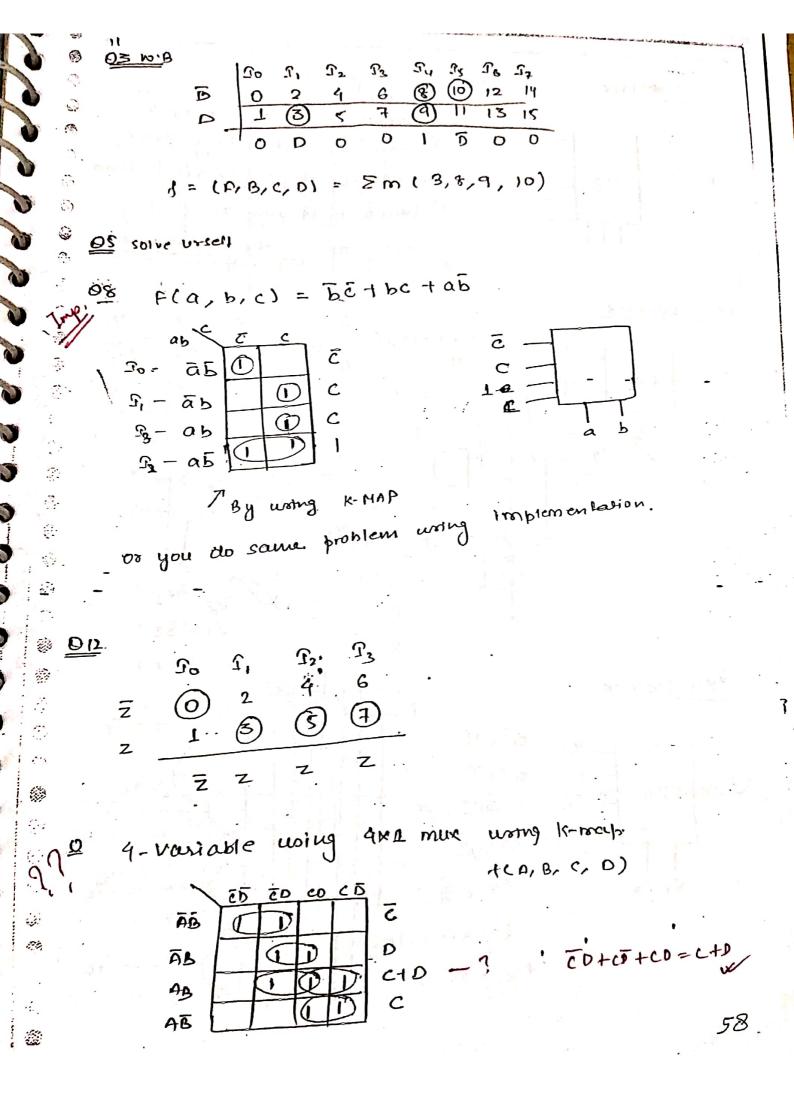


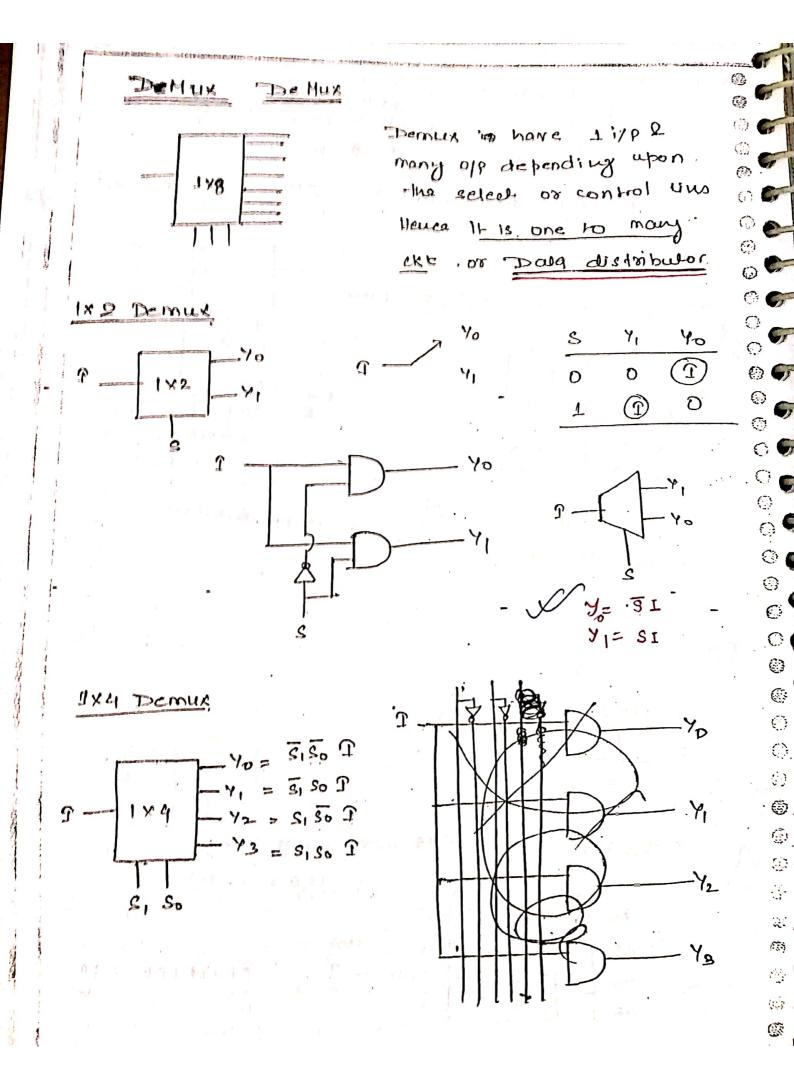
		_	, 0	
4	B	د		
0	101	0	B	
0	0	- 1	Ē.	
D	1	- 0	В.	
D;	1	1	B	
<u>ā</u>	0	Ò	$\overline{\mathcal{B}}$	
1	0	1	B	
1	1	0	B	
,	, [	1	a	

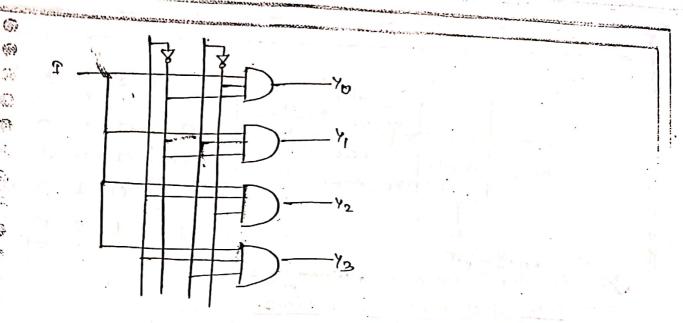
	J.	3,	3.5	33	
B	0		4	5	
В	(2)	3	6	<b>(1)</b>	
	В	1	В	B	



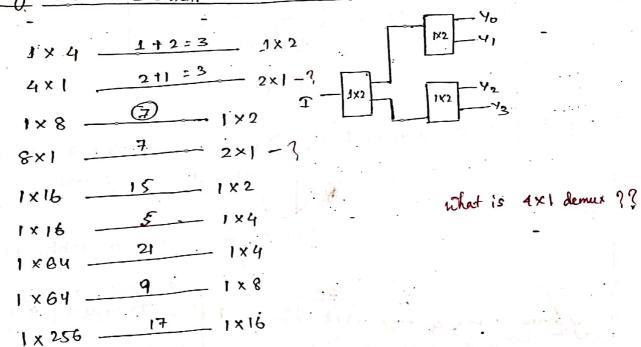








Higher order Demux - Lower order.



Decodes:

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30 . . . .

6

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-**:** 

nowich is used to \* Decoder is such as to other codes decode binary binary to octal (3×8) BCD to decimal (4×10) biray to hex (.4x16)