	Solution: 2f = \(\gamma\) (1,2,3,4,8)							
a)	Decod	2~					12	
				٥.		4	4	
				D,				
				0,				
				03		* 10		
				8,				
				Ds				
	77 -			26				
	B -	- 4	× 16 8	9 2			Ch. 2	op
	8 -	- 0	lecoder 10	88			V	,
	D -			89				
		1	٤)10		Jelly Jag	19/15	
),1				
)12 - 1	. 0 00	Gal 2012		
				2 18	1	00		
		- + *		0,4		aLIO.		
	20	-	£),5		L L		
	Fig Implementation of Fining 4x 16 Decoder							
	7 0 0	,						
6)	Mult	/ /	MAN	- 0 2 / 9	'A D	a m-c	3/4	•
	Let	Do be	the inge	t lines	and B,	0, 8 9	Be 80	rectio
	l'nes.							
	Implementing with 8:1 MUX, we get,							
	Do	20_	D2	20	0	9	6	0
01			(2)	D 3	27	25	26	D ₇
<u>α'</u>	(8)	(<u>I</u>)	10	(3)	12	5	21	7
		- mad	total .	-4 1	1 1 1	1 2	177	1 6



