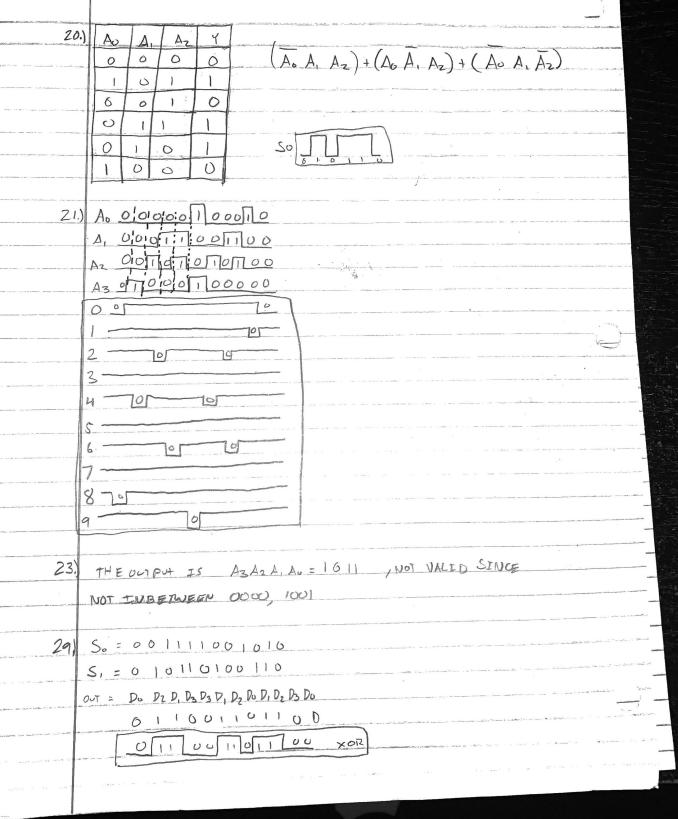
## HW #4

	CH6: 4.7 11	15, 20, 21, 73, 29, 34, 45	
4	Act, B=1, E=0 CONEL		
	•	1, 5=0, Can=1	
		1 , &: 1 , Caul = 1	
	1' '	5 = 1100 '	
	LOUGHAND 111		
	+101		
	1100		
7.	) A= 1001 . B= 110	O BELOOH BXOR B=1	
	A= 1 , B=1,	Gin=1 == 1 1 (04=1	
	A-0 B-1	Gin=1 = 1 : (04=1 Gin=1 = 0. (00+=1	
•	,	00=1, 3=1, Cout =0	
	A=1, B=0, (in=0 &=1, cont=0.		
		IIOI)	
11.	6 TIMES CIN +UC	out, Cin to S, A to S; AND Cout	
	So 40 ns + ((25ns) + 35ns		
	I .	35ns =  275ns	
15.	A = 1100 , B= 160		
	So THE OUTPUT IS	A>B - 1	
		A=B=0	
		AKB-D	
	A= 1000		
	B=1011 So	A2B= 0	
		A=B=0	
		ACB=1	
	A= 0100	A>B=0	
	B= 0100		
		A=B=1	



•	
011	BY OBSERVATION, THIS IS NOT WORKING PROPERLY SINCE
34.	The state of the s
	BUT SI = 1 SO NOT EQUAL, AT FAULT IS THE CINO
	BUT SI = 1 SO NOT EQUAL,
	1 1 2 1 1 2 5
. 48	AB Cin Cox S.
	0100179) 50 8=1 50 8, 1,24,7
	C ABC: + ABC: + ABC: + ABC:
	11 6 1 0 11 1 1 -> 7 NOW FOR COULD WE HAVE (DUI = 1 SU
	6-2513
	So Cout = AB(in + AB(in + AB(in + AB(in))
	SO CON + ABCIN.
	SO SUIN OF FULL ADDER
	A Ban 00 01 11 10
	O O SO WE CAN'T MY WINTER
	O 1 O 1 O SO SI = ABCIOT ABCIOT ABCIO
	SO (ADRY FUL ADDER
	2 BCM   OU   01   11   10
	O O O I D S WE GET AGENT AB
An ex-resulted in the second State of the control of the depth and the control of	

