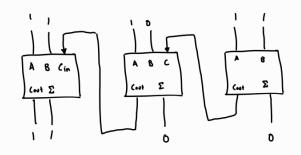
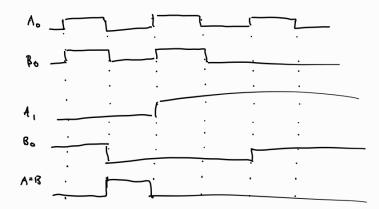


4.



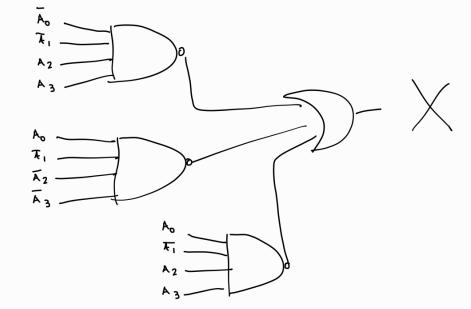
13. A = B output is HIGH when Ao = Bo and A, = B,



- 15. A) A>B:1, A=B:0, A<B:0
 - p) V >8:0 ' Y=8:0 ' V<8:1
 - c) A >8:0, A=B:1, A < B:0
- 16. a) A3 A2 A, A0 = 1110
 - b) A3 A2 A, A0 = 1100
 - c) A3 A2 A, A0 = 1111
 - d) A3 A2 A, A0 = 1000

3 - 3 2 ' 3 (2) 1 (1) 1 (1)	19.	x= A3 A2 A,0 +	A3Ã2 AIÃO	+	A 3 A2 A. An
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_	A,A _b					
A3A2	0	(1)	0	0		
	0	0	0	0		
		0	0	0		
	0	0	1			



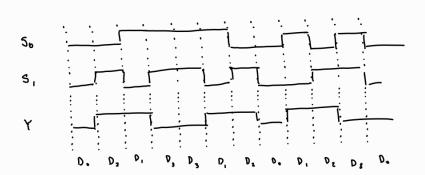
23. A3, A1 and A0 are HIGH. A3A2A1A0=1011, which can't be a BCD code

25. 3) decimel = 2 BCD = 0010 Binary = 10

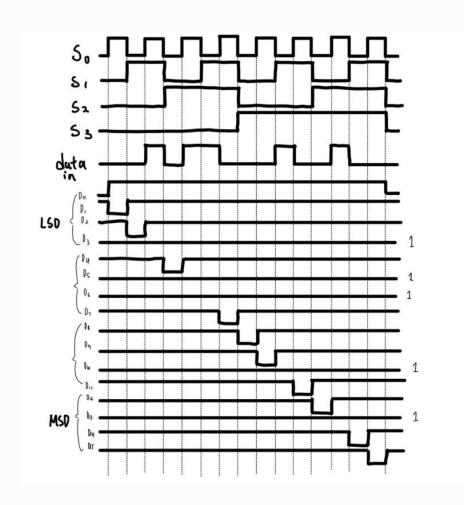
- b) decimal = 8 BCD = 1000 Binary = 1000
- c) decimal = 13 BCD = 00010011 Binary = 1101
- d) decime = 26 BCD = 80100110 Binary = 1/010
- e) decimel = 33 BCD = 0011 0011 Binary = 10001

28. : S, S, = 01 Selects 0 ∴ Y=1

29.



3ι.



32. A₀
A₁
A₂
A₃
G₁
G₃
1 2 3 4

