Eli Sobylah 1003 17144 21-00-2014 Digital Losse: Ash 3

Problem Set: Ch.3: 1,4-11

1) A 8 8-6+ 8 out

4) A 13 + 8 0 nt

5) Function table

A ONT [7:0]

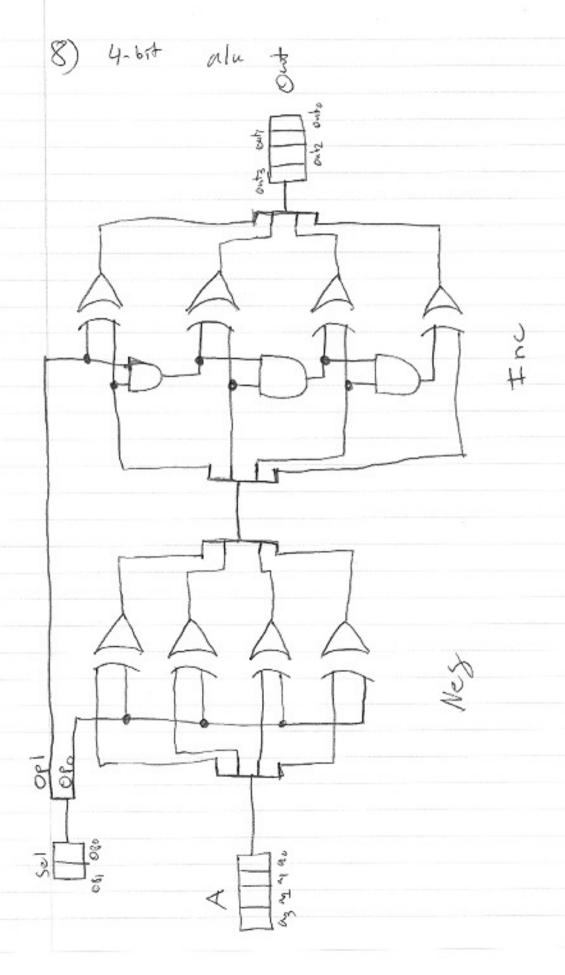
0 10000000

2 001 0 00000

3 000 1 00000

5 000 0 0 0 0 0 0

7 00 0 0 0 0 0 0



10) You would need 4 select 6its, with Selz being undefined which means Than mout should never be seen.

_	Functo	on d	mbk	
A	B	0	Sel	Cont
X	Y	2	00	X
X	Y	2	01	Y
×	Ý	Z	10	Z
X	Y	Z	1)	undermed

11) You'd need \$48 select 65ts for a 8 to 1 max.

A Max Examponent B used to supplement an 8 to 1 multiplexer.