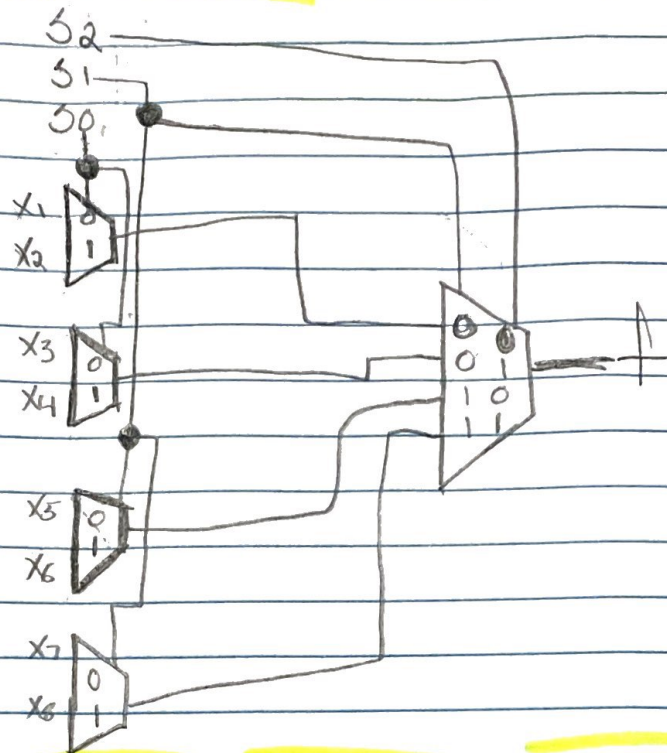
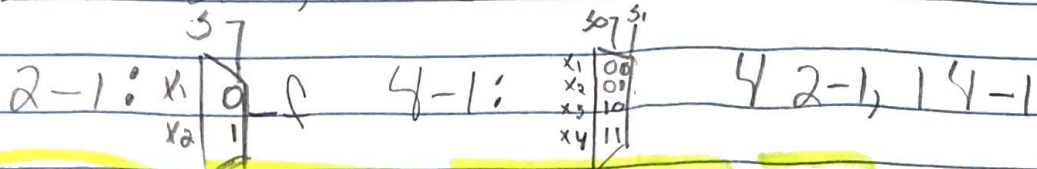


CPRE 281: Quiz 3 *Daniel*

1) $8 = 2^m, m=3$ select lines



2) $C \mid AB$

	00	01	11	10
0	1	0	0	1
1	1	0	0	1

$\Rightarrow B$

3) a)

s_0	s_1	s_2	w	A
0	0	0	0	0
0	0	1	1	0 $\Rightarrow s_0 s_1 s_2$
0	1	0	1	0 $\nearrow +$
0	1	1	0	1 $\nearrow s_0 s_1 s_2$
1	0	0	1	0 $\nearrow +$
1	0	1	0	1 $\nearrow s_0 s_1 \bar{s}_2$
1	1	0	0	1 $\nearrow +$
1	1	1	0	1 $\nearrow s_0 s_1 s_2$

s_2	$s_0 s_1$			
	00	01	11	10
0	0	0	1	0
1	0	1	0	1

$$s_1 s_2 + s_0 s_1 + s_0 s_2$$

$$\overline{s_0} s_1 s_2$$

$$s_0 \overline{s_1} s_2$$

$$s_0 s_1 \overline{s_2}$$

$$s_0 s_1 s_2$$