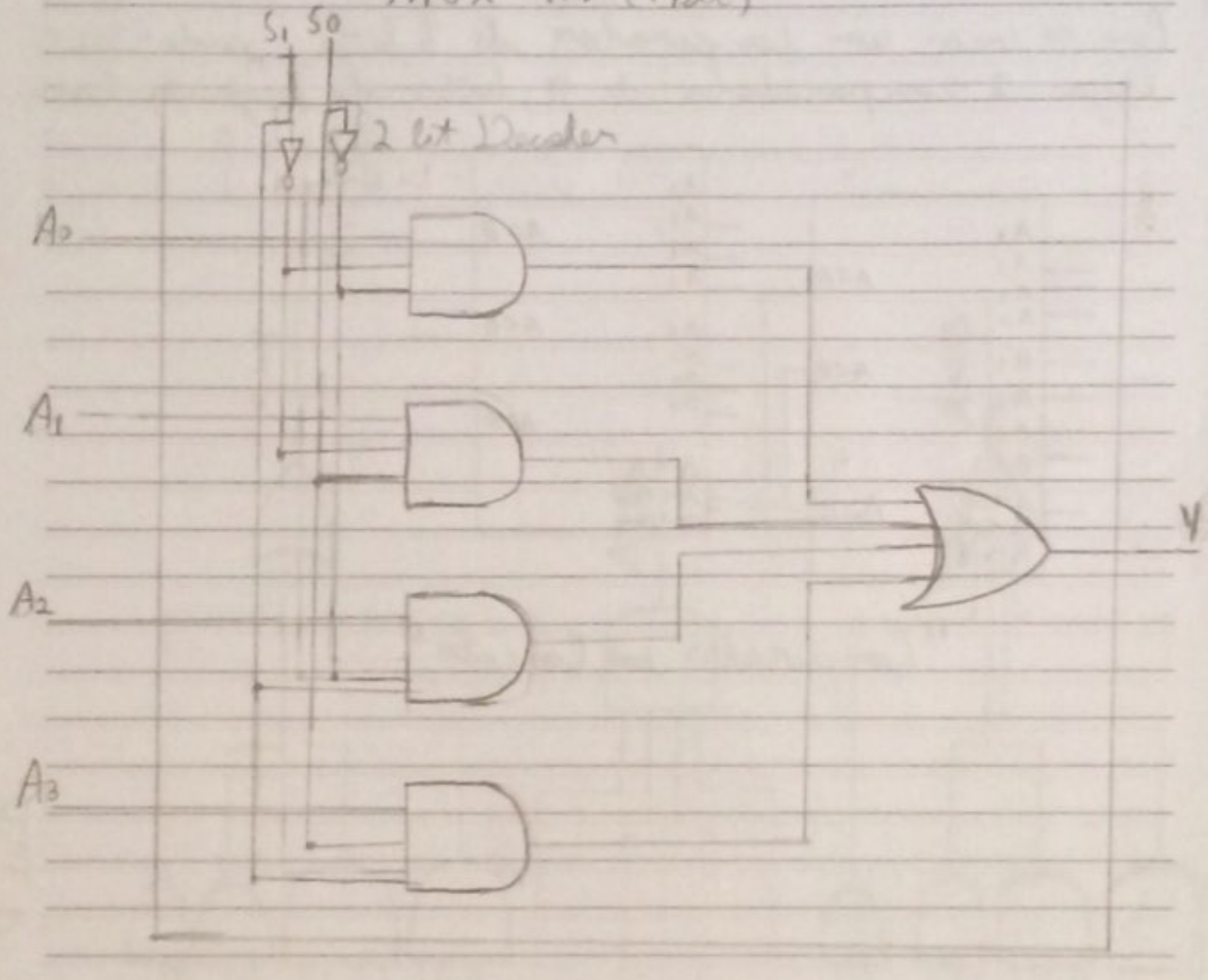
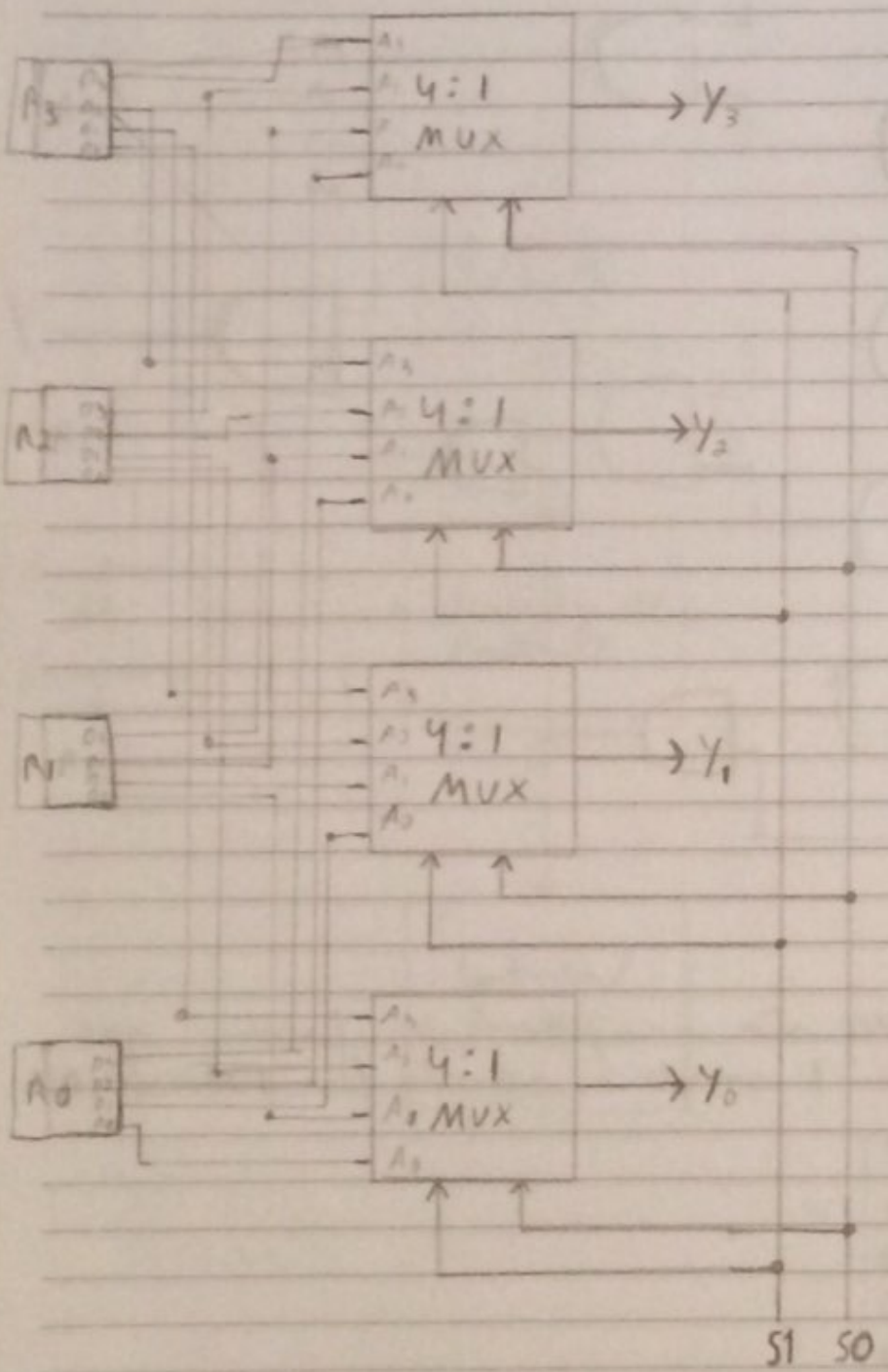
S T Q O S S D

__/__/__

MUX 4:1 (1 Bit)



S_1	S_0	A	B	C	D	Out
0	0	0	x	x	x	0
0	0	1	x	x	x	1
0	1	x	0	x	x	0
0	1	x	1	x	x	1
1	0	x	x	0	x	0
1	0	x	x	1	x	1
1	1	x	x	x	0	0
1	1	x	x	x	1	1

spiral

MUX 4:1 (4 Bits)