Adder/Subtractor Truth Table

A_1	A_2	B_1	B_2	$Cout2$	$S4$	$S2$
0	0	1	0	1	1	1
0	0	0	1	1	1	0
0	0	1	1	1	0	1
1	0	1	0	0	0	0
0	1	1	0	0	0	1
0	1	0	0	0	1	0