Circuit Demonstration Page

Student names: _____ Jake Simmons _____

Haonan Jin _____   _____

Instructor Signatures

Separate Full Adders   _____ _Bill Walton_ _____

Two-Bit Adder   _____ _Bill Walton_ _____

Adder/Subtractor   _____ _Bill Walton_ _____

Inputs		Expected Results			Actual Results
A	B	B 2's comp	Sub	Dec	Sub
00	01	1 1	01 1	3	1 1 1
00	10	1 0	01 0	2	1 1 0
00	11	0 1	00 1	1	1 0 1
01	01	1 1	1 00	- 4	0 0 0
10	01	1 1	1 0 1	- 3	0 0 1
10	00	0 0	1 0	- 2	0 1 0