Circuit Demonstration Page

Student names: Forrest Knee _____

_____   _____

Instructor Signatures

Separate Full Adders _____

Two-Bit Adder _____

Adder/Subtractor _____

Inputs		Expected Results			Actual Results
A	B	B 2's comp	Sub	Dec	Sub
000	001	1 1 1	1 1 1	-1	1 1 1
000	010	1 1 0	1 1 0	-2	1 1 0
000	011	1 0 1	1 0 1	-3	1 0 1
001	001	1 1 1	0 0 0	0	0 0 0
010	001	1 1 1	0 0 1	1	0 0 1
010	000	0 0 0	0 1 0	2	0 1 0