

Circuit Demonstration Page

Student names:

Makenna MeyersTrevor JacksonCarlos Hernandez

Instructor Signatures

Separate Full Adders

Bob Dubois

Two-Bit Adder

Bob Dubois

Adder/Subtractor

Bob Dubois

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