

Full Adder

Expected results:

Inputs			Outputs	
A	B	C _{in}	Sum	Carry

Test	A	B	Carry	Sum	Carry
A	0	0	0	0	0
B	0	0	1	1	0
C	0	1	0	1	0
D	0	1	1	0	1
E	1	0	0	1	0
F	1	0	1	0	1
G	1	1	0	0	1
F	1	1	1	1	1