1

Imputs			ada	x/s
Cim	A	B	Cart	5
0	0	0	0	0
0	0	5	0	1
0	1	0	0	1
0	5	5	1	0
1	0	0	0	1
1	0	1	1	0
5	3	0	1	0
1	3	1	1	1

Cout

Cim	00	10	11	10
0	0	0	(1)	0
1	0	1	1	1)

Cout = AB + CimB + Cim,

5 4B

4B Cim	00	05	11	10
0	0	1	0	1
1	1	0	1	0

S = (Cim x AB) + (Cim x AB) + (Cim x AxB) + (Cim x AxB)

ADD_H= 8-> Subtrac X DO=X

ADD_H=0-Adriciona X D1=X

ADD_H=0-Adriciona X D1=X

ADD_H

ADD_H

ADD_H

ADD_H

ADD_H

ADD_H

Overflow