

5 \rightarrow 00101

-5 \rightarrow 11011 Multiplicand

14 \rightarrow 01110 Multiplier

t	Accumulator	operation	counter
0	00000 11011	0 load	0
1	10010 11011	0 subtract	0
2	11001 01101	1 shift	1
3	11100 10110	1 shift	2
4	01010 10110	1 add	2
5	00101 01011	0 shift	3
6	10111 01011	0 subtract	3
7	11011 10101	1 shift	4
8	11101 11010	1 shift	5

11101 11010 = -70

2's compl₂ (00010 00110) = (70)₂