$A + (-m)$

$A = 0011110$

$M = 1000100$

$ 1100010$

-60 * 2 = -120

-60 = 1000100

+2 = 010

M	A	Q		Q-1
1000100	0000000	010		0 initialization
1000100	0000000	010		0 no chnge
	0000000	001		0 ARS
1000100	0111100	001		0 A= A-M
	0011110	000		1 ARS
1000100	1100010	000		1 A= A+M
	1110001	000		0 ARS

-512+256+128+8= -512+ 392 = -120