1 $\times -1$	1 $\times 0$	1 $\times 0$	1	1
-1 $\times 0$	0 $\times 0$	-3 $\times 0$	0	1
2 $\times 0$	1 $\times 0$	1 $\times 1$	-1	0
0	-1	1	2	1
1	2	1	1	1

$\otimes$

-1	0	0
0	0	0
0	0	1

$=$

0	-2	-1
2	2	4
-1	0	0