apply kernel to input

0 ₓ₁	0 ₓ₀	0 ₓ₁	0	0	0
0 ₓ₀	1 ₓ₁	0 ₓ₀	0	0	0
0 ₓ₁	0 ₓ₀	2 ₓ₁	0	0	0
0	0	1	2	1	0
0	0	1	1	1	0
0	0	0	0	0	0

convolve →

feature map

3	0	2	0
1	5	2	2
3	2	6	2
1	3	3	3