Convolve input and kernel

1	0	0	0
0	2 ×1	0 ×0	0 ×1
0	1 ×0	2 ×1	1 ×0
0	1 ×1	1 ×0	1 ×1

Output feature map

5	2
2	6

Convolve input and kernel

0 ×1	0 ×0	0 ×1	0	0	0
0 ×0	1 ×1	0 ×0	0	0	0
0 ×1	0 ×0	2 ×1	0	0	0
0	0	1	2	1	0
0	0	1	1	1	0
0	0	0	0	0	0

Output feature map

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