

Given, Stride = 1, Padding = 1, Max Pooling = (2, 2)

0	0	0	0	0	0	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	1	1	0	1	0
0	0	0	0	0	0	0

Padding

1	0	1
1	1	1
0	0	1

Filter 1

0	0	1
1	0	0
0	1	1

Filter 2

2	3	2	3	1
3	4	3	5	1
3	4	3	5	1
3	4	3	5	1
2	3	3	4	1

After filter 1

+

1	2	2	2	1
2	3	2	3	1
2	3	2	3	1
2	3	2	3	1
1	1	1	2	0

After filter 2

3	5	4	5	2
5	7	5	8	2
5	7	5	8	2
5	7	5	8	2
3	4	4	6	1

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7	7	8	8
7	7	8	8
7	7	8	8
7	7	8	8

after max pooling