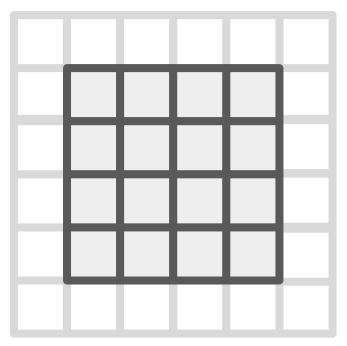
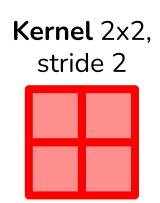
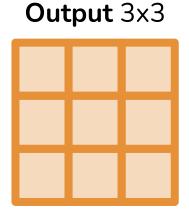
Dr. Chelsea Parlett-Pelleriti

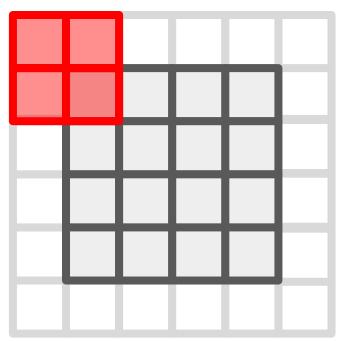
Input 4x4, 1 padding







Input 4x4, 1 padding

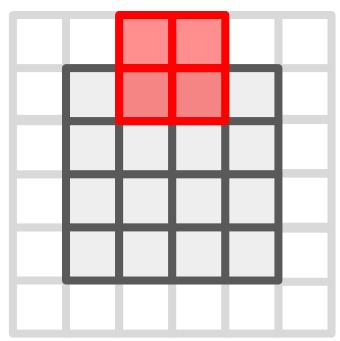


Kernel 2x2, stride 2

Output 3x3

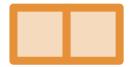


Input 4x4, 1 padding

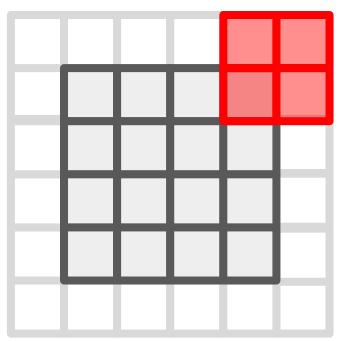


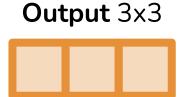
Kernel 2x2, stride 2

Output 3x3

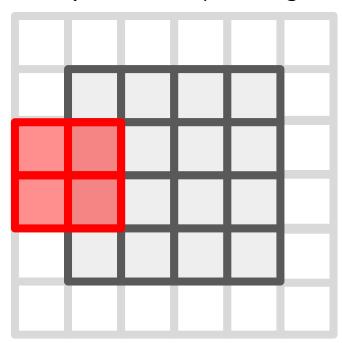


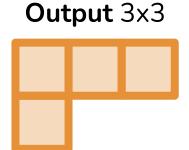
Input 4x4, 1 padding



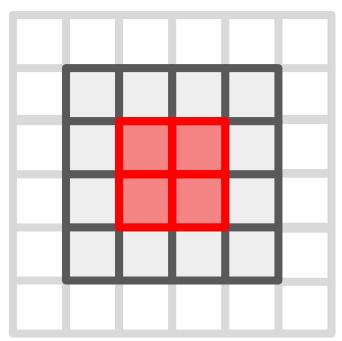


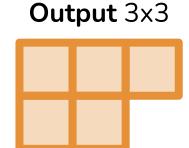
Input 4x4, 1 padding



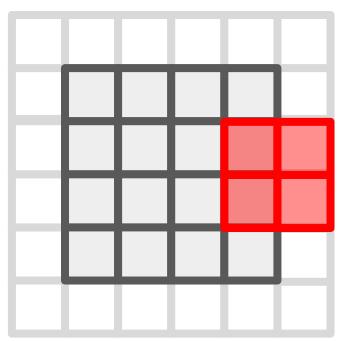


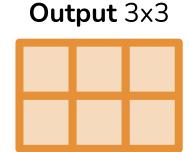
Input 4x4, 1 padding



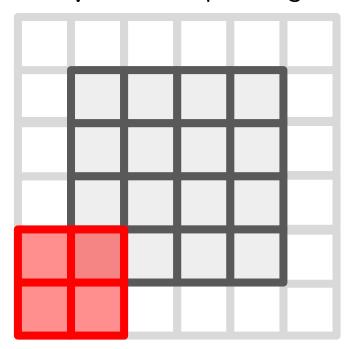


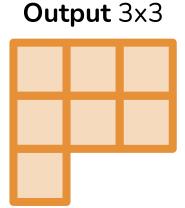
Input 4x4, 1 padding



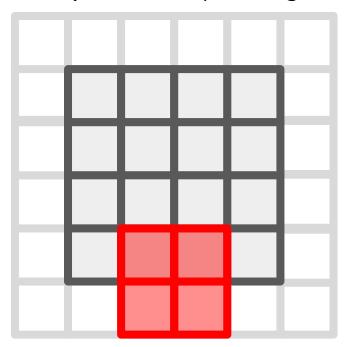


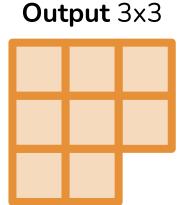
Input 4x4, 1 padding



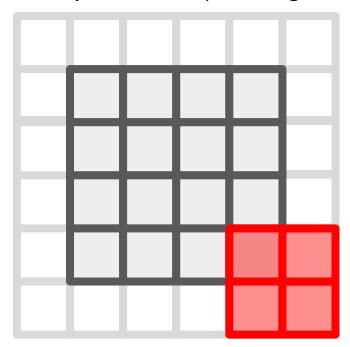


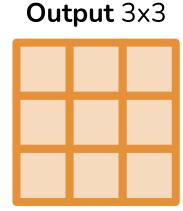
Input 4x4, 1 padding



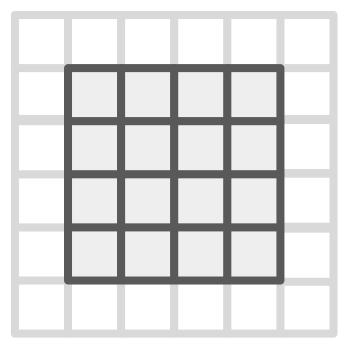


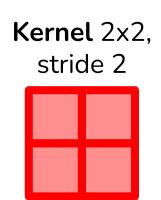
Input 4x4, 1 padding

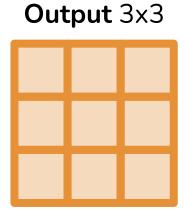




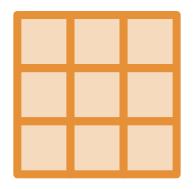
Input 4x4, 1 padding



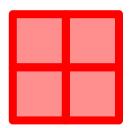


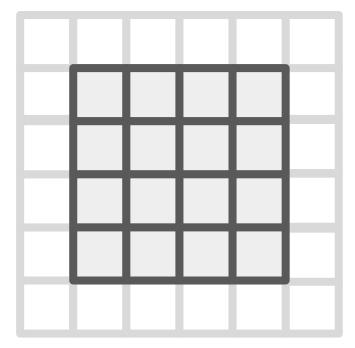


Input 3x3, 1 padding

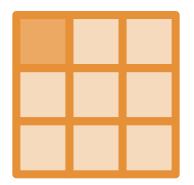


Kernel 2x2, stride 2

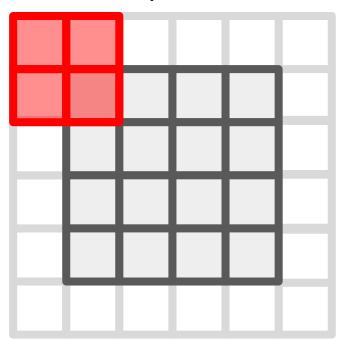




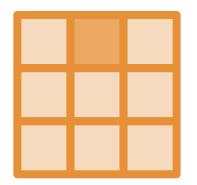
Input 3x3, 1 padding



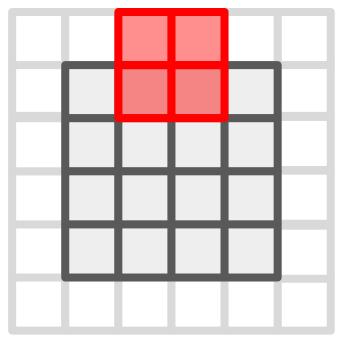
Kernel 2x2, stride 2



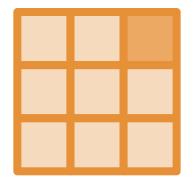
Input 3x3, 1 padding



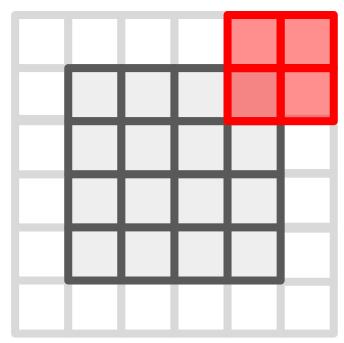




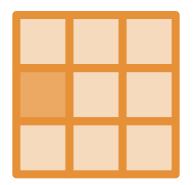
Input 3x3, 1 padding



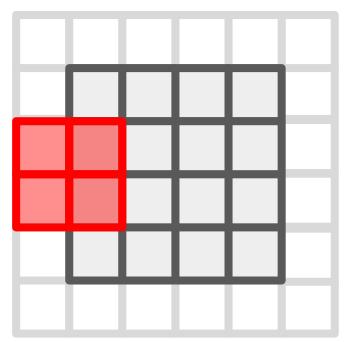




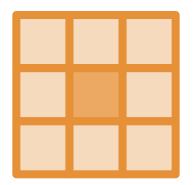
Input 3x3, 1 padding



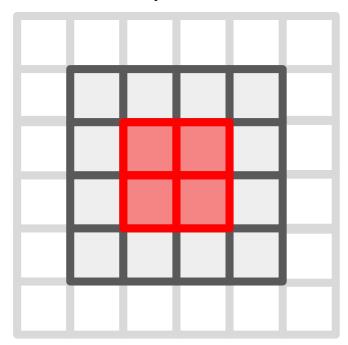




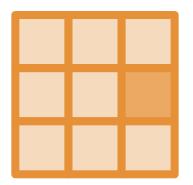
Input 3x3, 1 padding



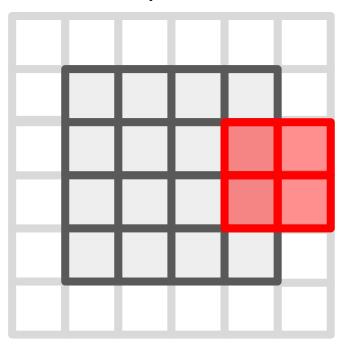
Kernel 2x2, stride 2



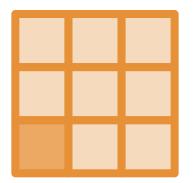
Input 3x3, 1 padding



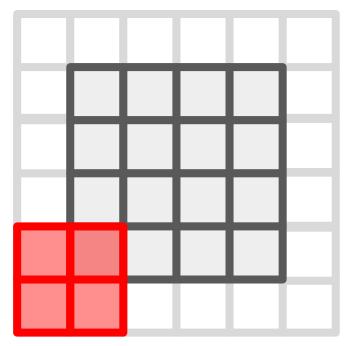
Output 4x4



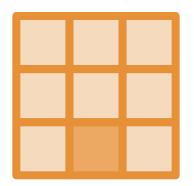
Input 3x3, 1 padding



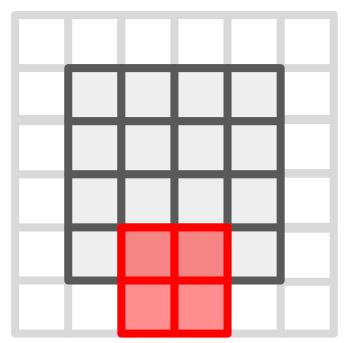
Kernel 2x2, stride 2



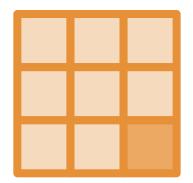
Input 3x3, 1 padding



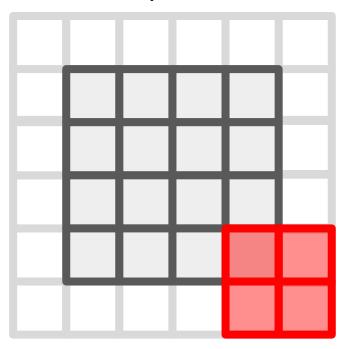
Kernel 2x2, stride 2



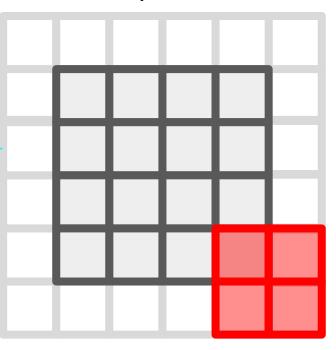
Input 3x3, 1 padding



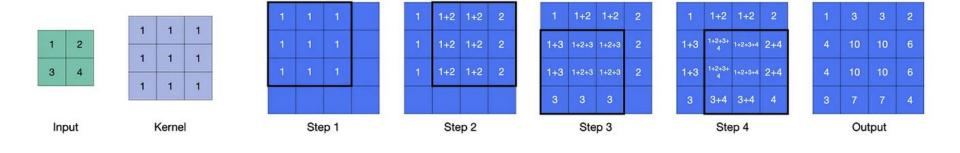
Output 4x4



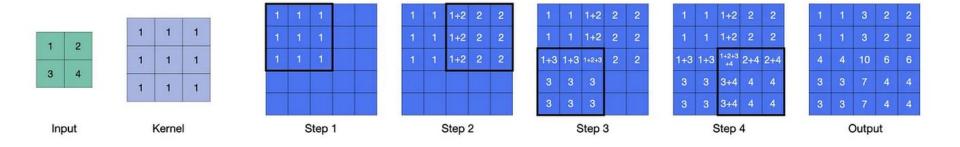
Note: When cernel 2x2, padding = 1, we drop the outer layer of the output



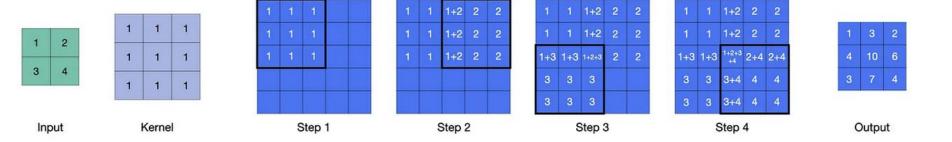
stride = 1 padding = 0



stride = 2 padding = 0



stride = 2 padding = 1



stride = 2 padding = 1

