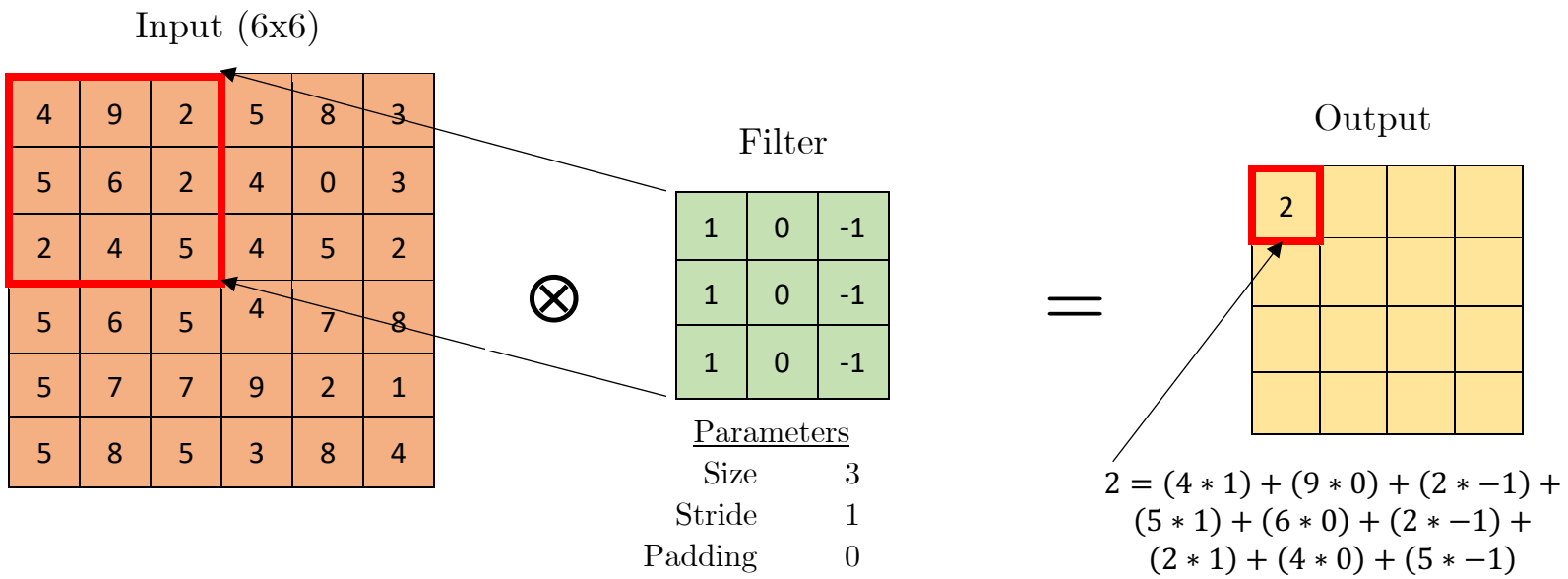
Step 1: Overlay the filter to the input, perform element-wise multiplication, and sum the result



Step 2: Move the overlay right ***k*** positions (according to stride parameter) and repeat above calculation for new submatrix