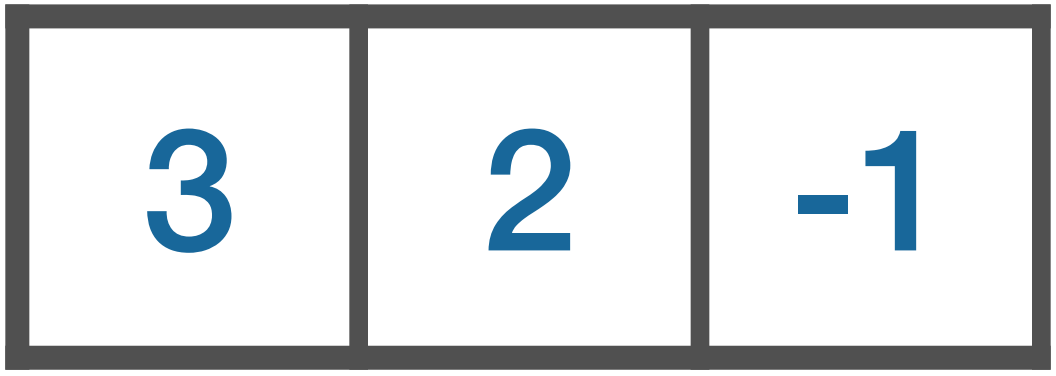
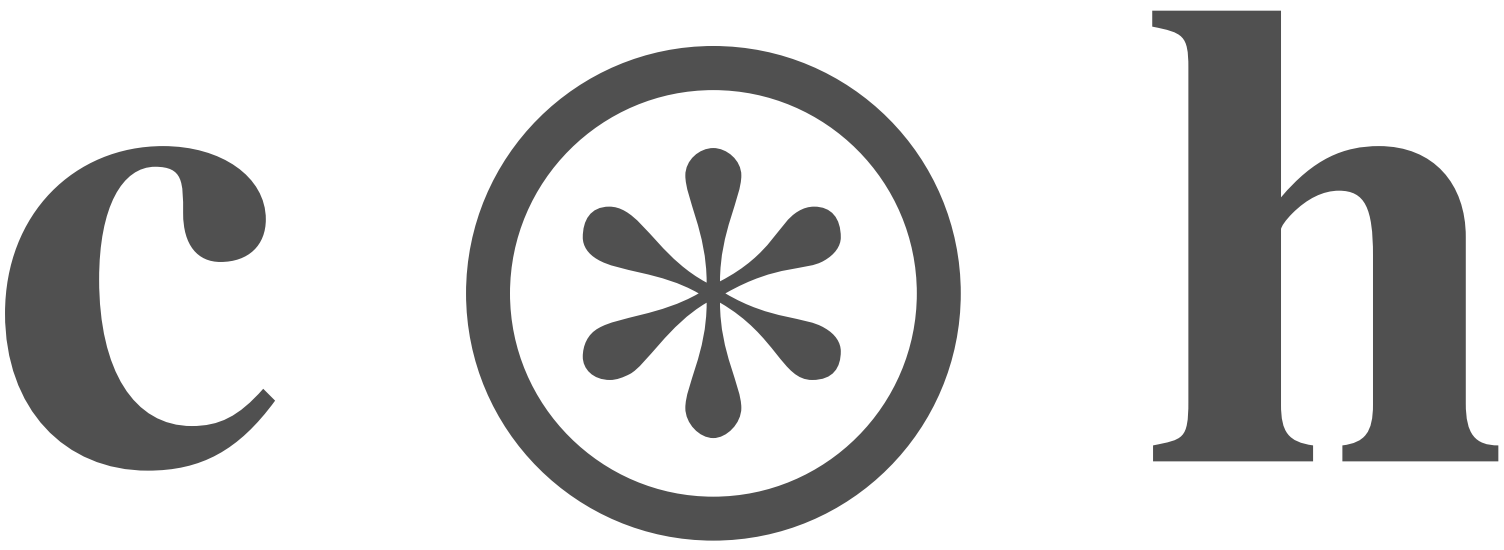
Striding

14


1
7
-1
2
3
-2
4


3
2
-1


-5

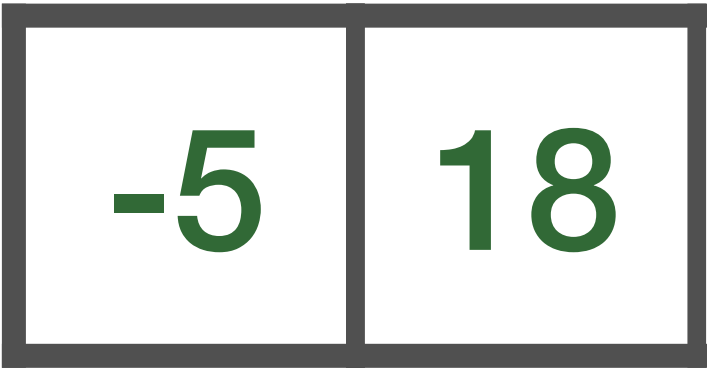

c
h

Reduce size of next layer through sub-sampling

$$h_i^{r+1} = \sigma\left( \sum_{j=-s}^{s} c_j \, h^r_{\mu(i)-j} \right) \text{ where } \mu(i) = b(i-1) + 1$$

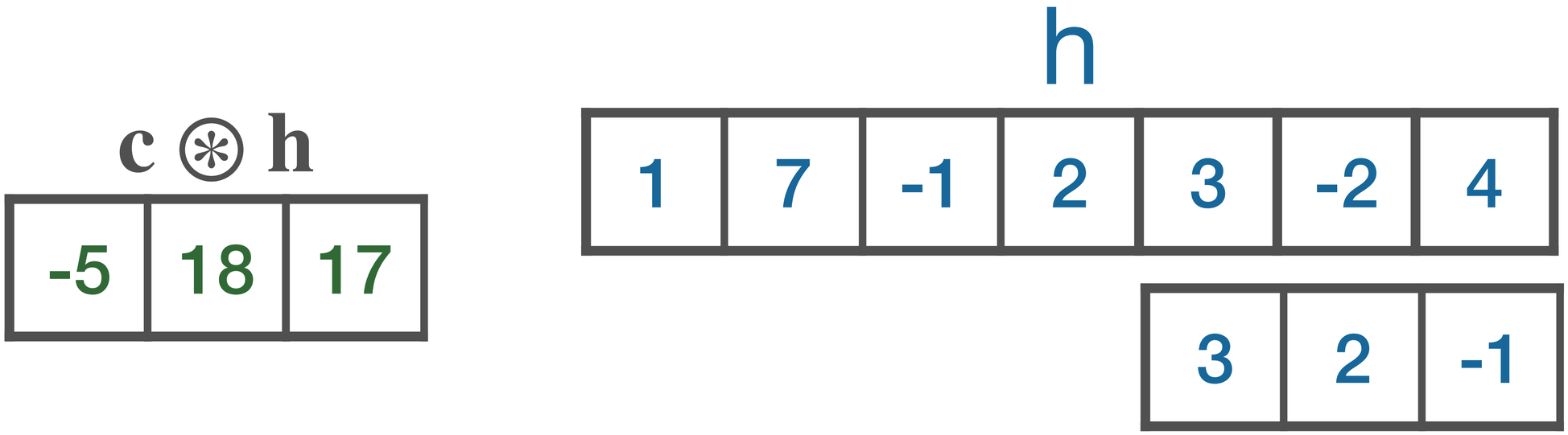

-5

18


-5
18

17

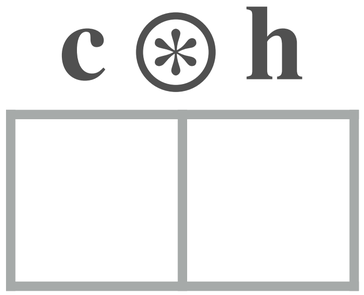
# Striding

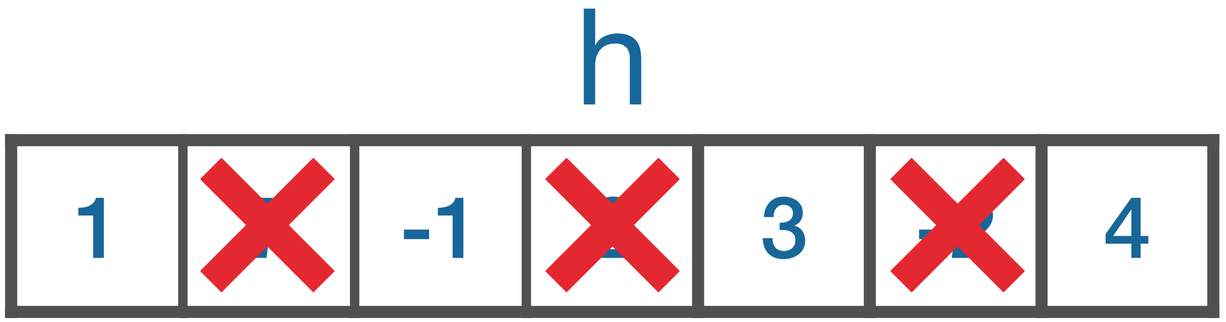



Reduce size of next layer through sub-sampling

$$h_i^{r+1} = \sigma\left( \sum_{j=-s}^{s} c_j \, h^r_{\mu(i)-j} \right) \text{ where } \mu(i) = b(i-1)+1$$

# Sub-Sampling (Dilation)




Reduce size of next layer through sub-sampling

$$h_i^{r+1} = \sigma\left( \sum_{j=-s}^{s} c_j \, h^r_{i-\mu(j)} \right) \text{ where } \mu(i) = b\,j$$