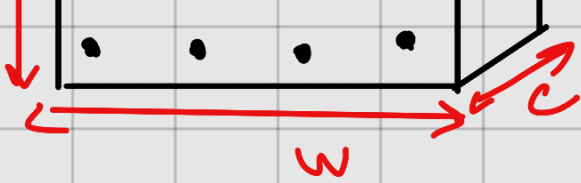


for the backwards pass, we extract the value, find its index, and then propagate the gradient to it while placing zeros in the other entries in the receptive field (highlighted in yellow).





$\text{dot}(1,1)$

receptive field

0	0
$\text{dot}(1,1)$	0

no computation required other than finding where to backpropagate the gradient to.