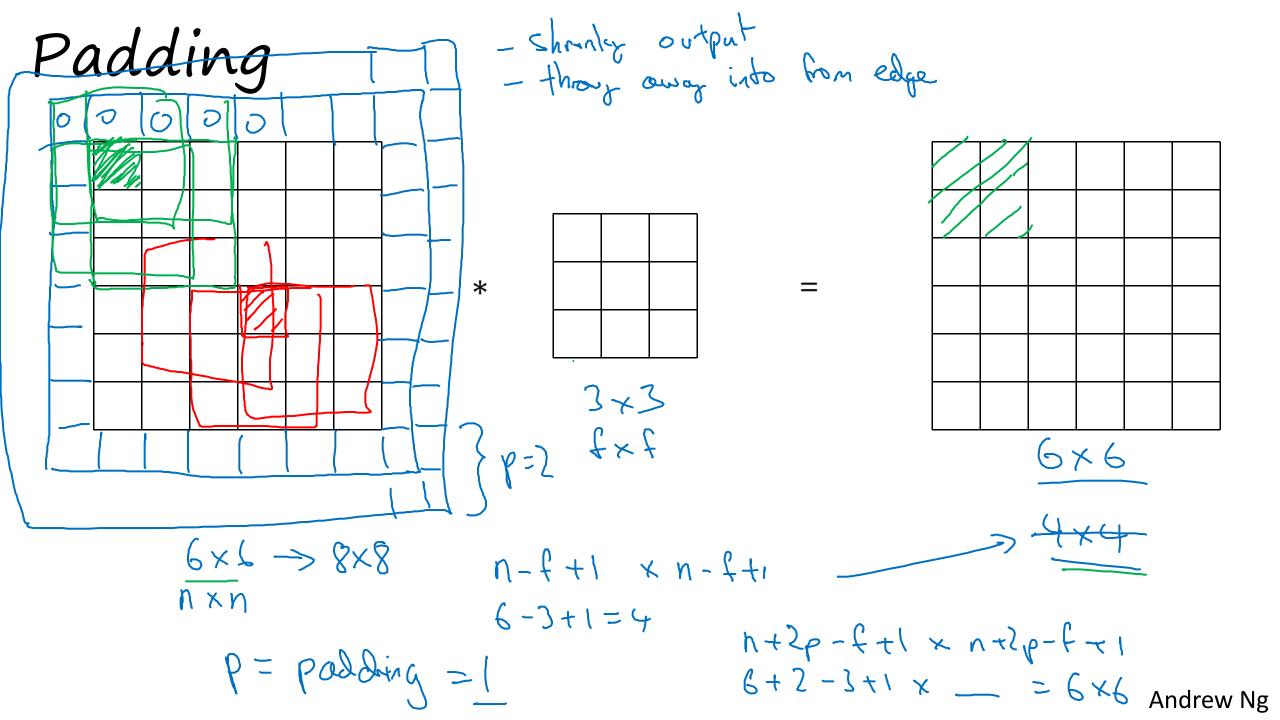


## Convolutional Neural Networks

Padding



## Valid and Same convolutions

"Same": Pad so that output size is the same as the input size,

as the input size.

$$n+2p-f+1 = x \Rightarrow p = f-1$$
 $3 \times 3$ 
 $p = \frac{3-1}{2} = 1$ 
 $5 \times 5$ 

Andrew Ng