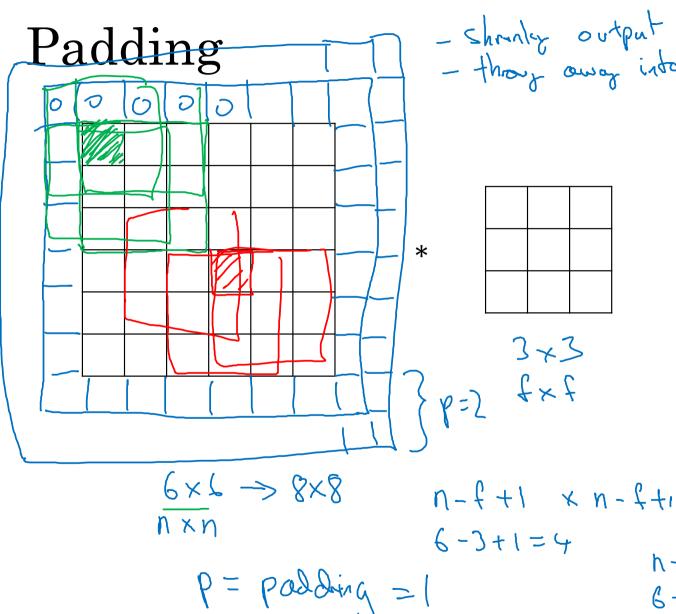
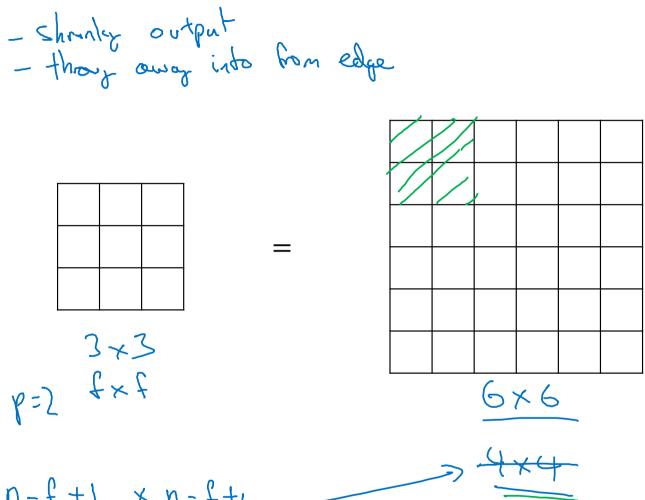


Convolutional Neural Networks

Padding





$$h+2p-f+1 \times n+2p-f+1$$

$$6+2-3+1 \times = 6\times6 \text{ And rew Ng}$$

Valid and Same convolutions

"Valid":
$$n \times n + f \times f \longrightarrow n - f + 1 \times n - f + 1 \times 6 \times 6 \times 6 \times 3 \times 3 \longrightarrow 4 \times 4$$

"Same": Pad so that output size is the <u>same</u> as the input size.