

Dilation

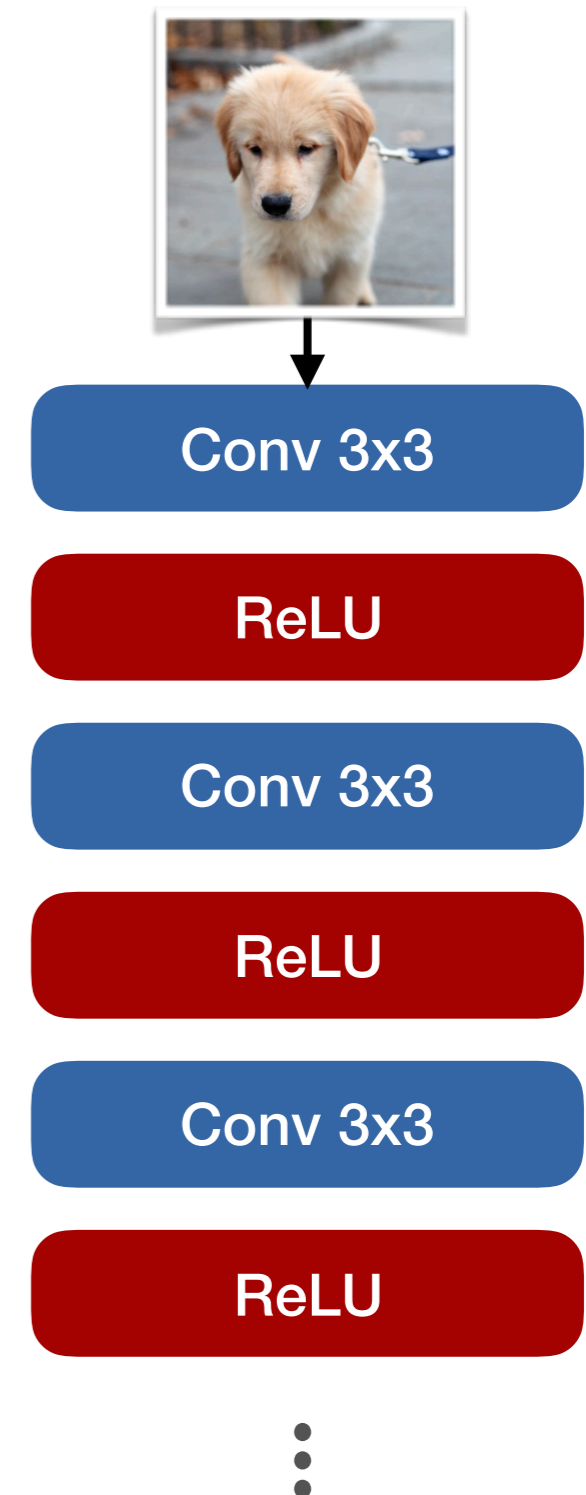
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Segmentation

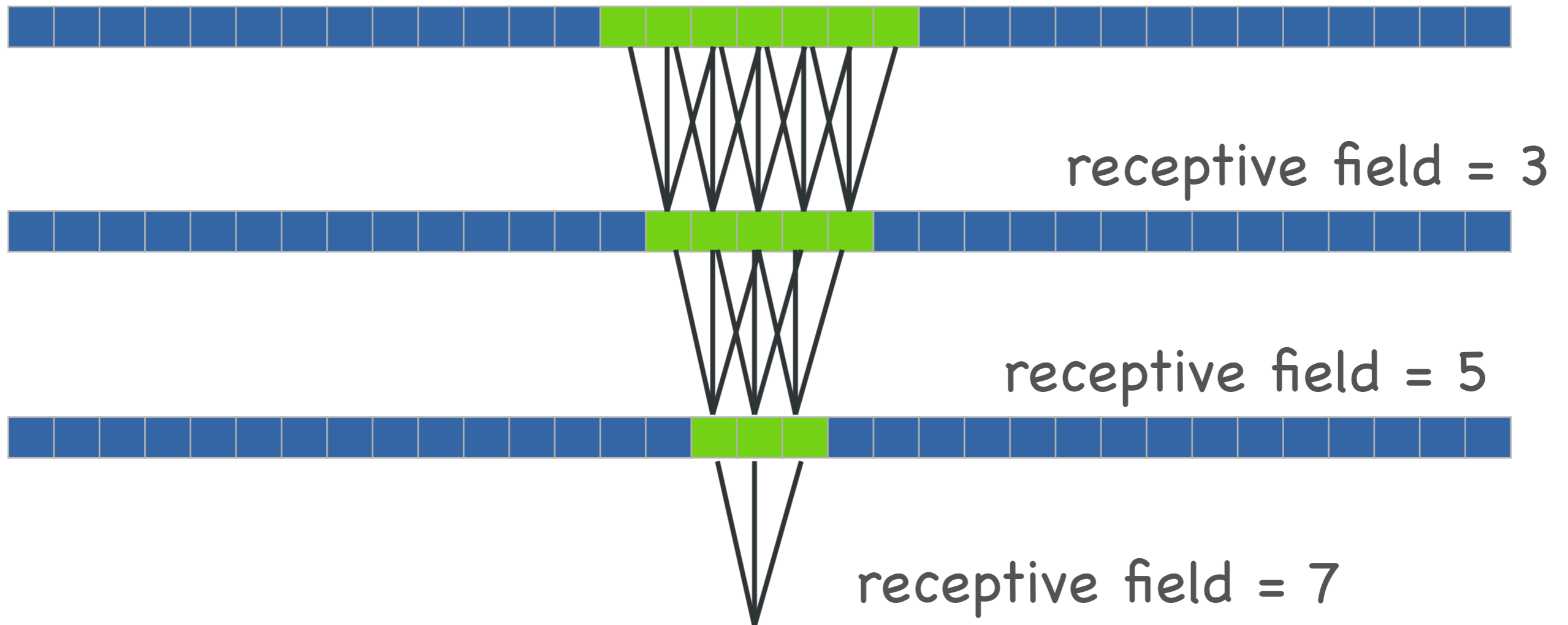


Receptive field

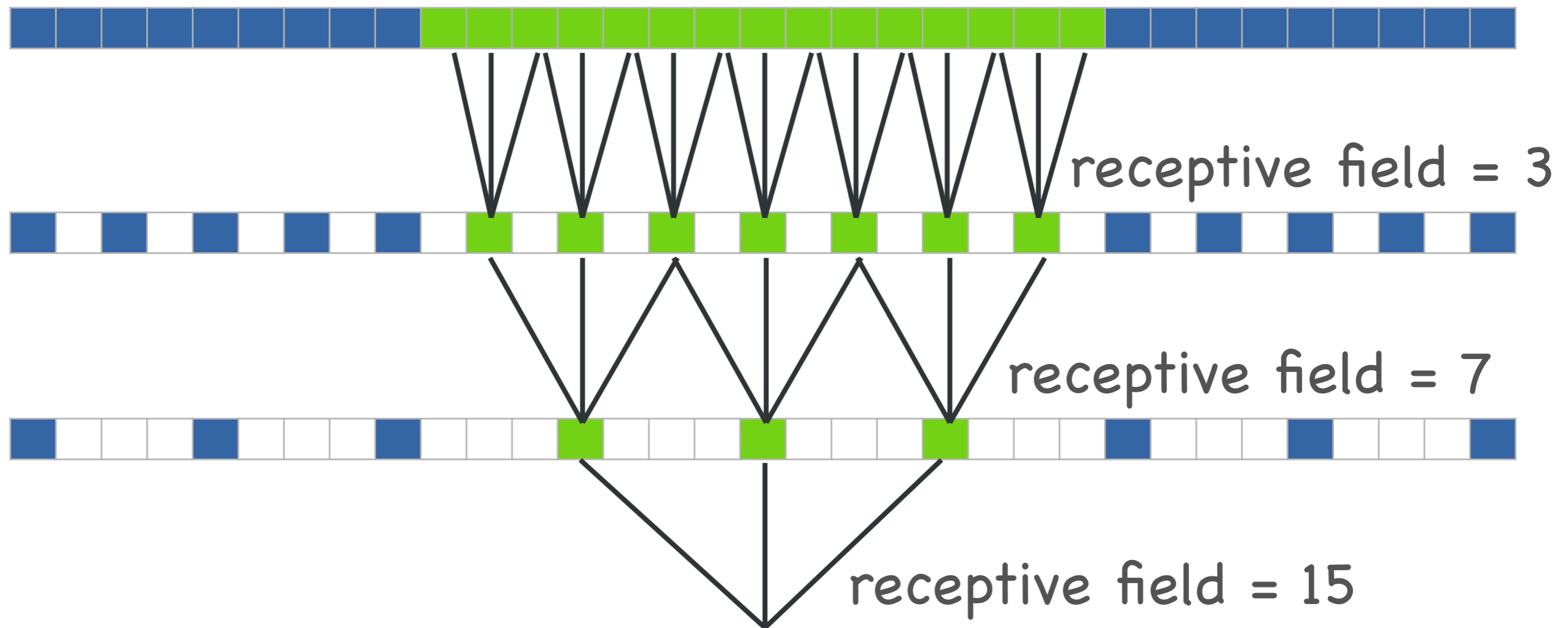
- How to increase receptive field?
- Large kernel size
- Striding



Receptive field

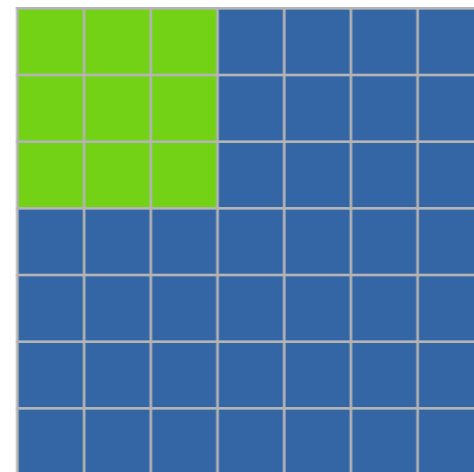


Receptive field and striding



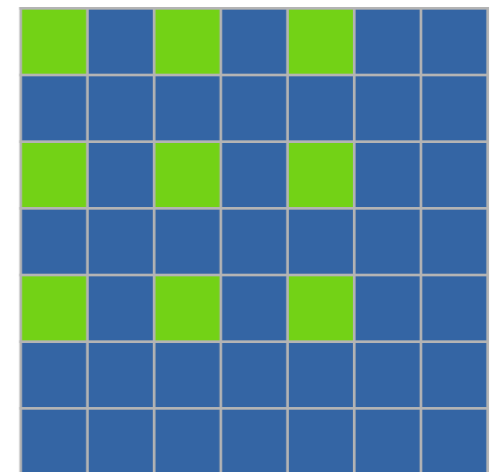
Dilation

- Add 0-padding between values in convolutional kernel



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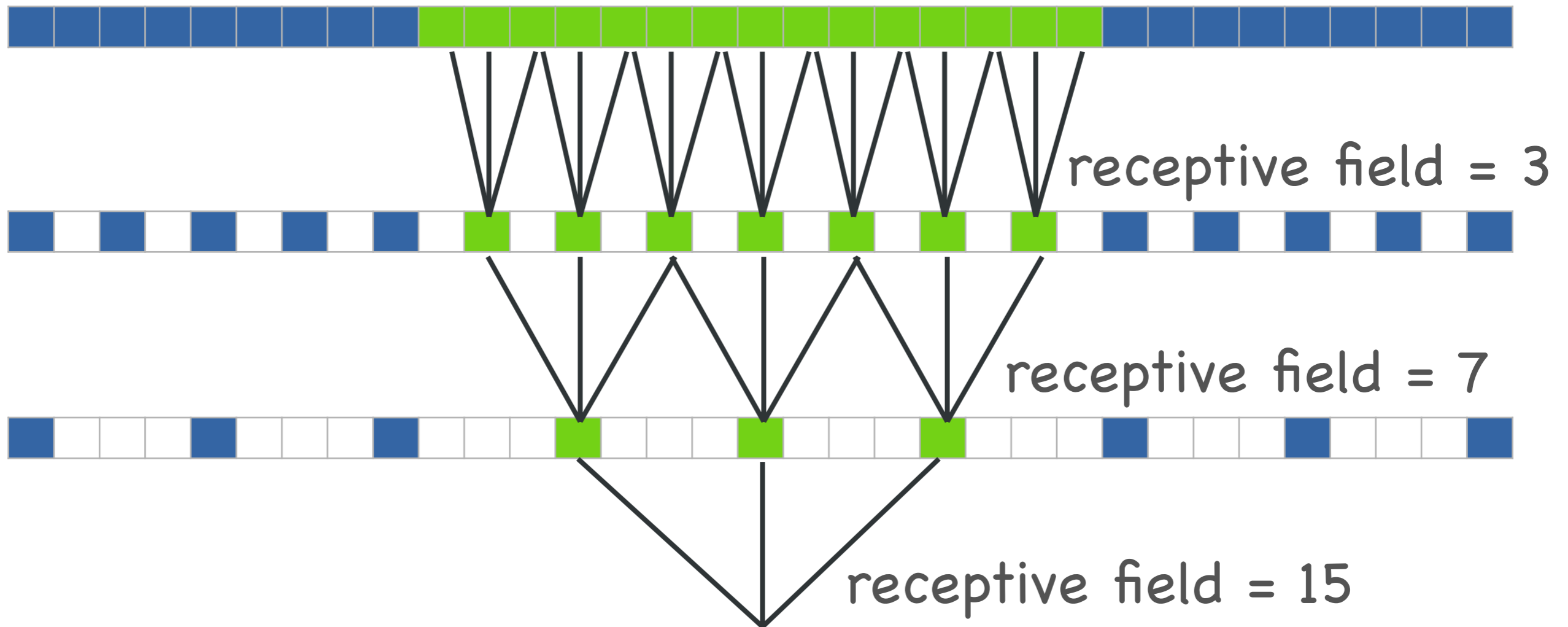
a	b	c
d	e	f
g	h	i



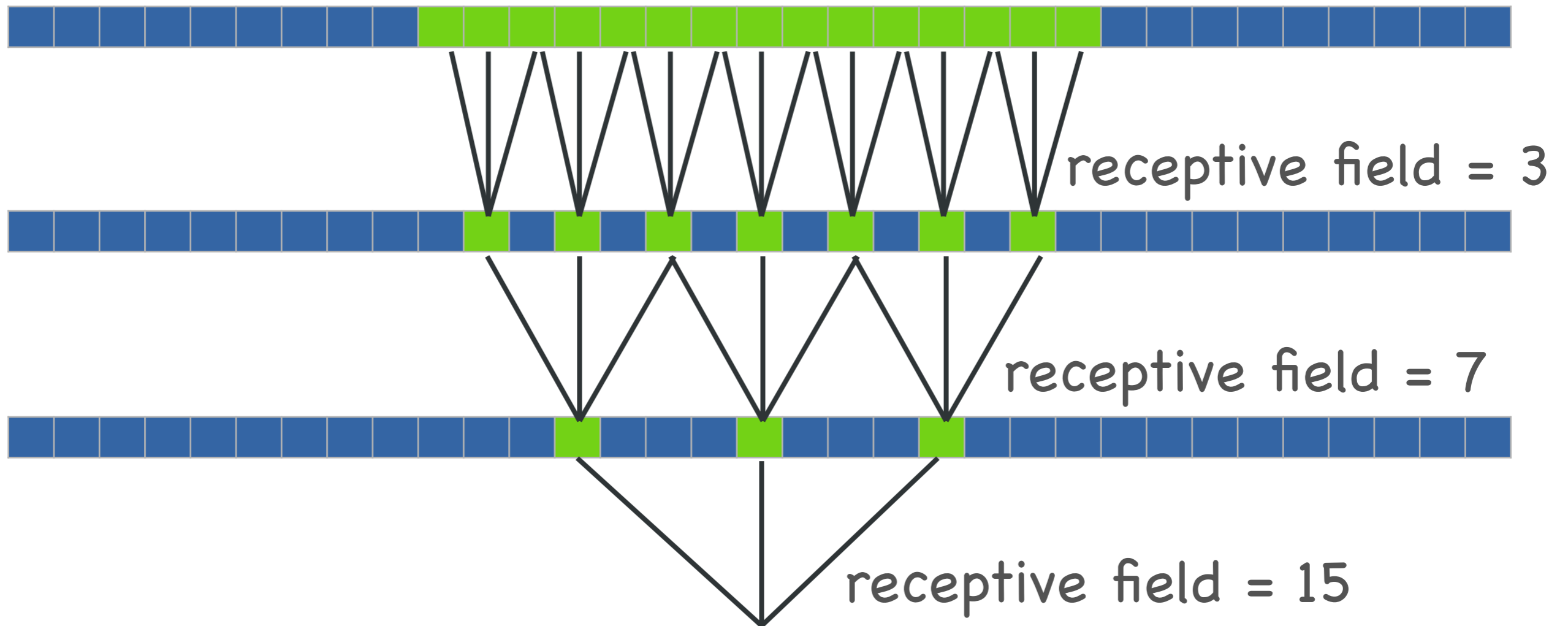
*

a		b		c
d		e		f
g		h		i

Dilation vs striding



Dilation vs striding



The many names of dilation

- hole
- a trous