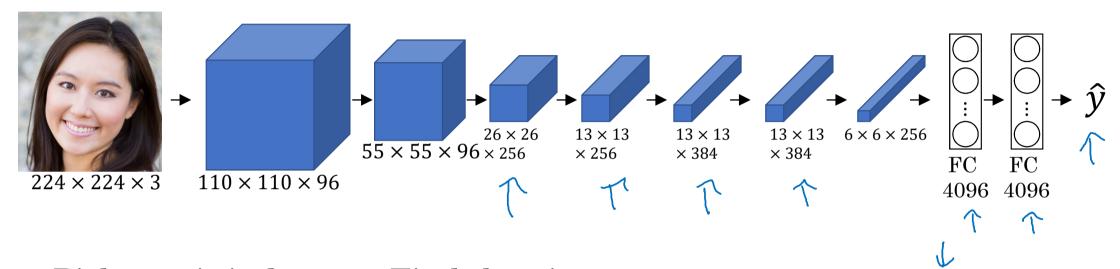


# Neural Style Transfer

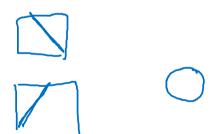
What are deep ConvNets learning?

#### Visualizing what a deep network is learning



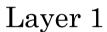
Pick a unit in layer 1. Find the nine image patches that maximize the unit's activation.

Repeat for other units.



## Visualizing deep layers







Layer 2



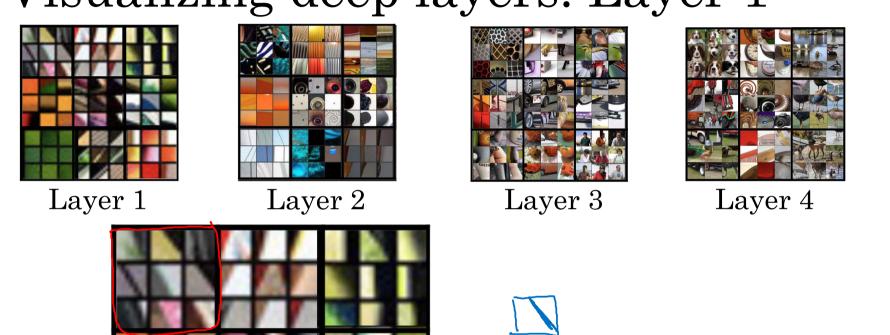
Layer 3



Layer 4

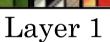


Layer 5



Layer 5







Layer 2



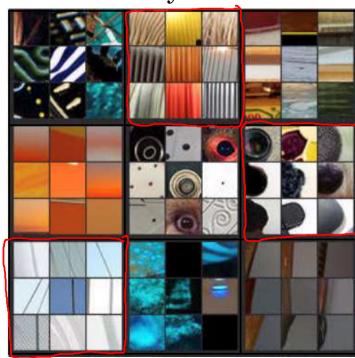
Layer 3

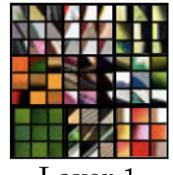


Layer 4



Layer 5









Layer 2



Layer 3



Layer 4



Layer 5





Layer 1





Layer 5

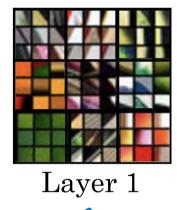




Layer 4



Layer 5







Layer 5