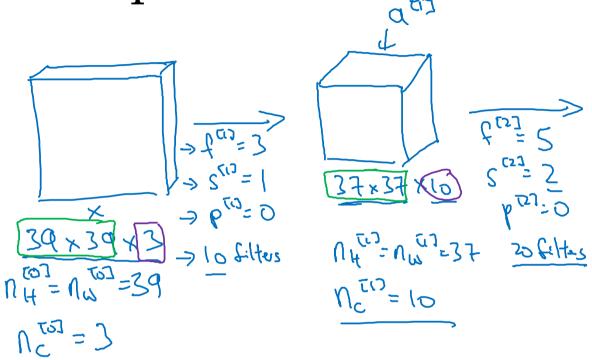


## Convolutional Neural Networks

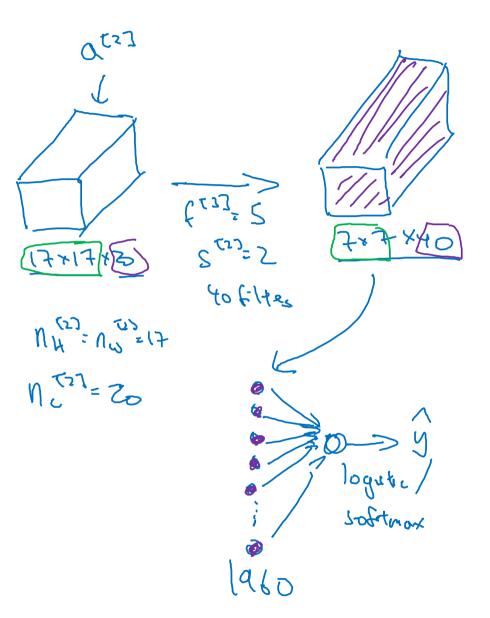
A simple convolution network example

Example ConvNet



$$\frac{N_{c}^{TO} = 10}{N_{c}^{TO} = 10}$$

$$\frac{1}{39 + 0 - 3} + 1 = 37$$



## Types of layer in a convolutional network:

```
- Convolution (CONV) ←
- Pooling (POOL) ←
- Fully connected (FC) ←
```