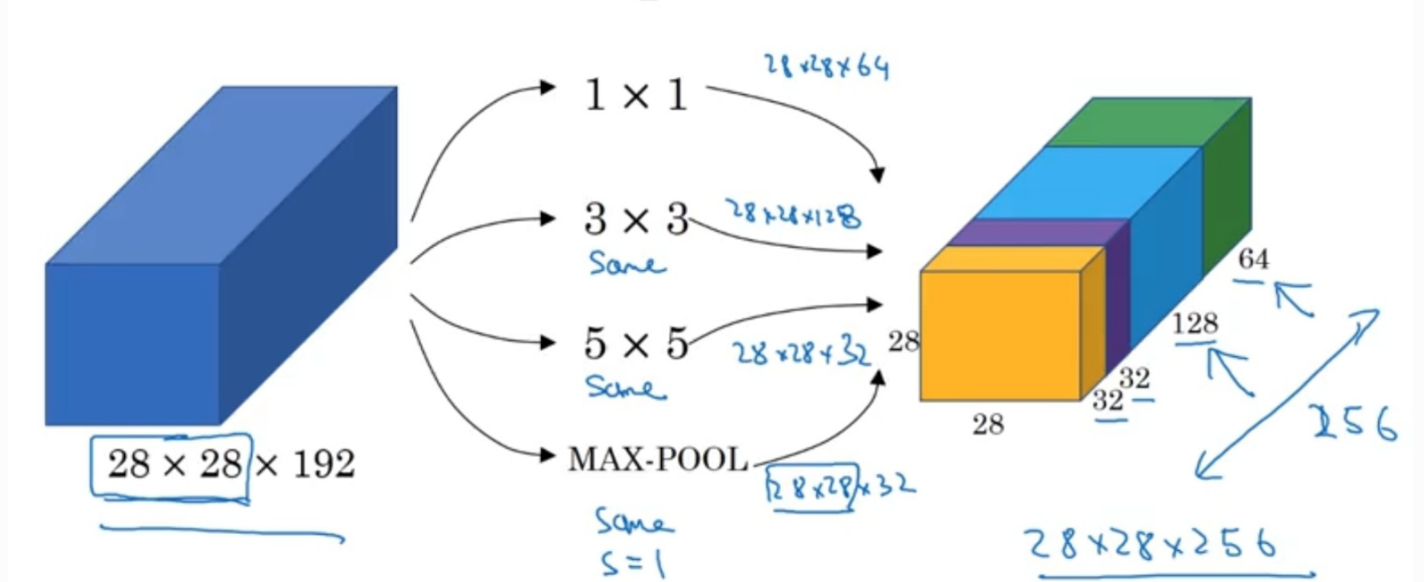


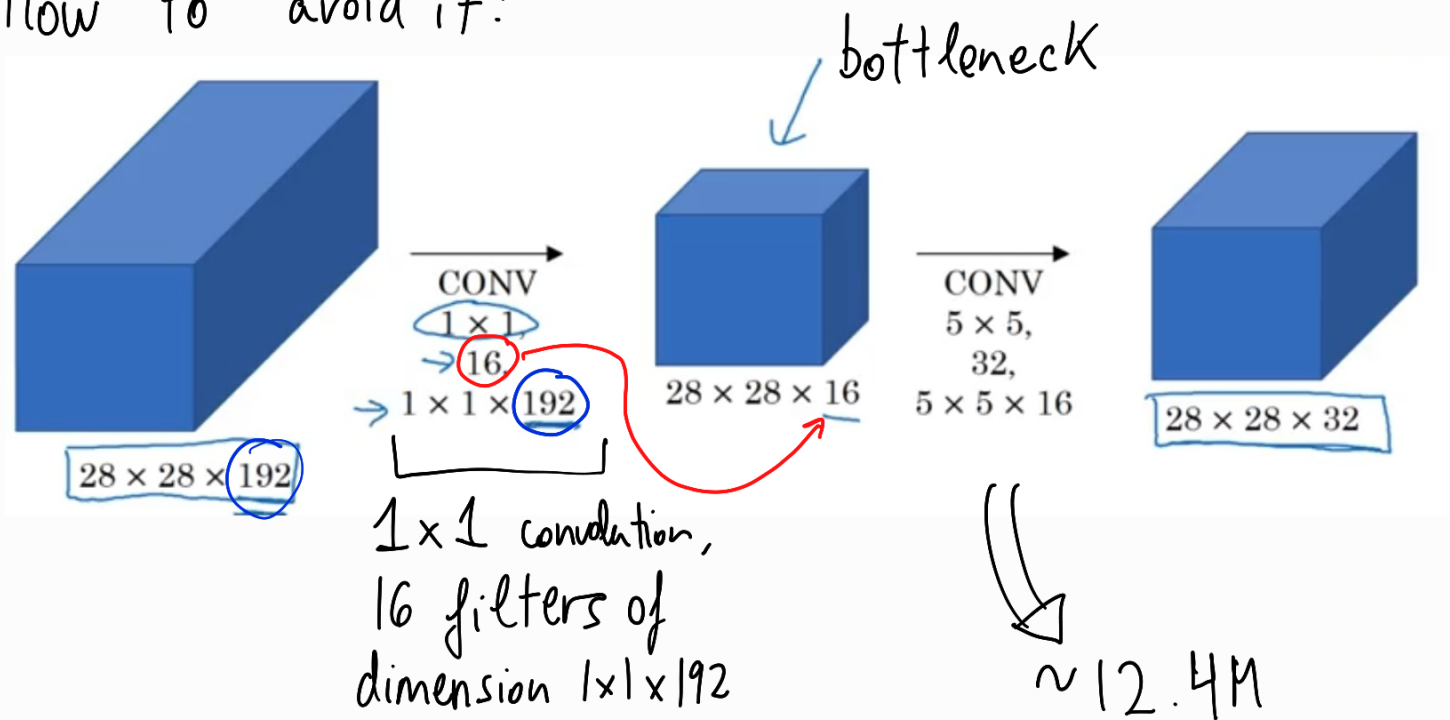
Combine result of multiple convolutional layers, with "Same" convolution and padding for matching dimensions.

Motivation for inception network



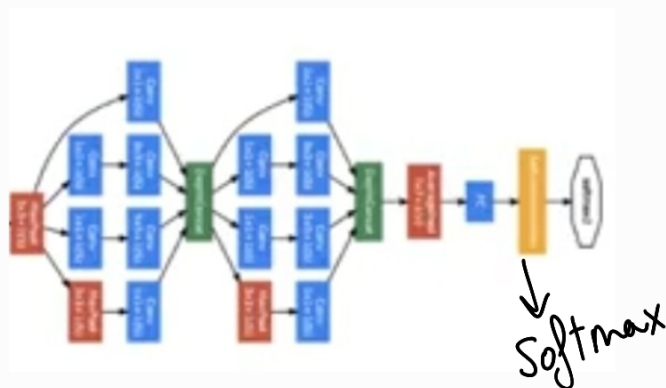
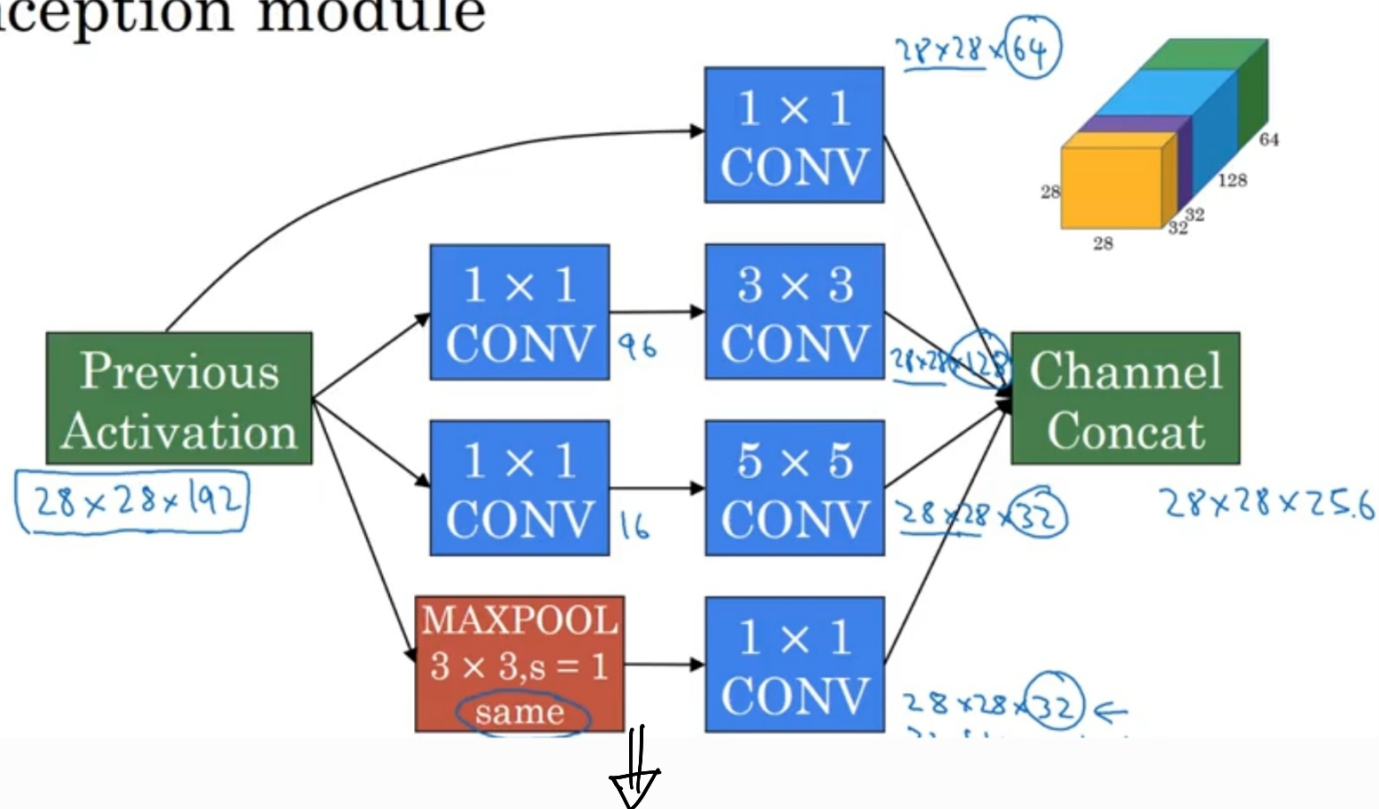
Problem: HIGH computational cost. $\hookrightarrow \sim 120M$

How to avoid it:



It does not decrease performance!!

Inception module



Some softmax in between to help ensure the features predicted are not too bad for predicting, so we can remove blocks and save time.