

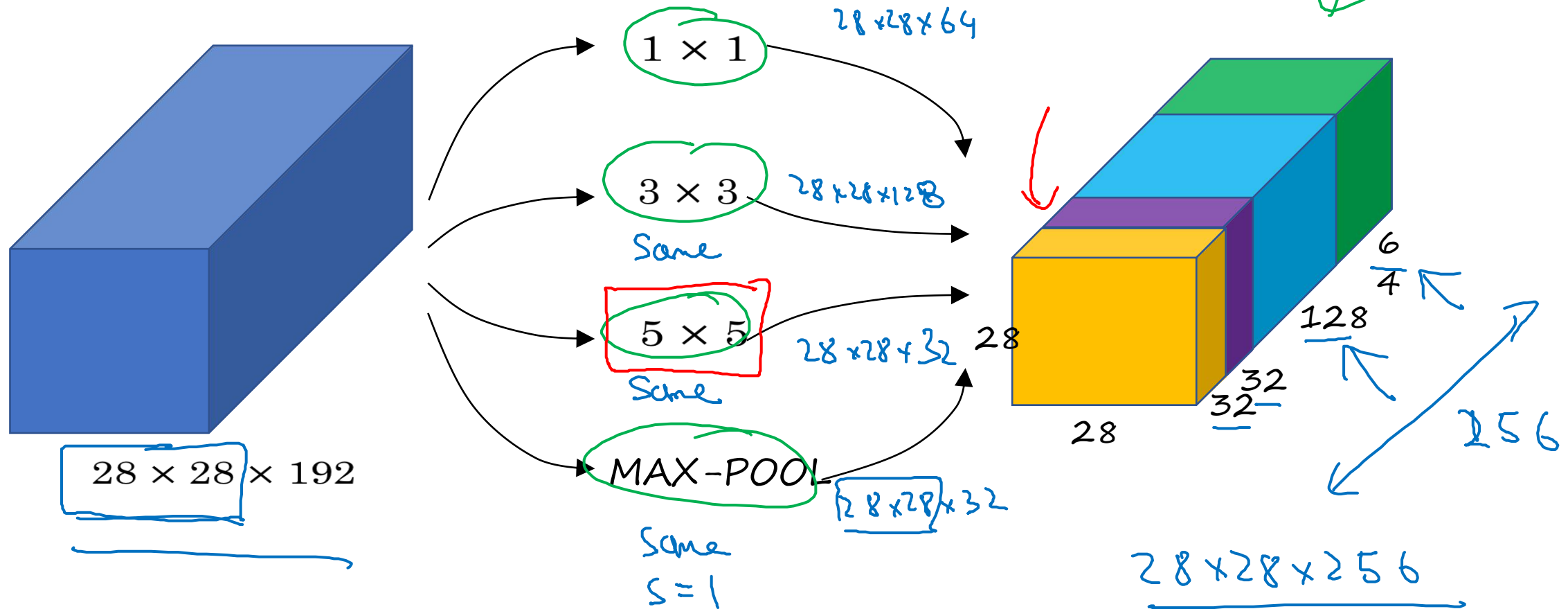


deeplearning.ai

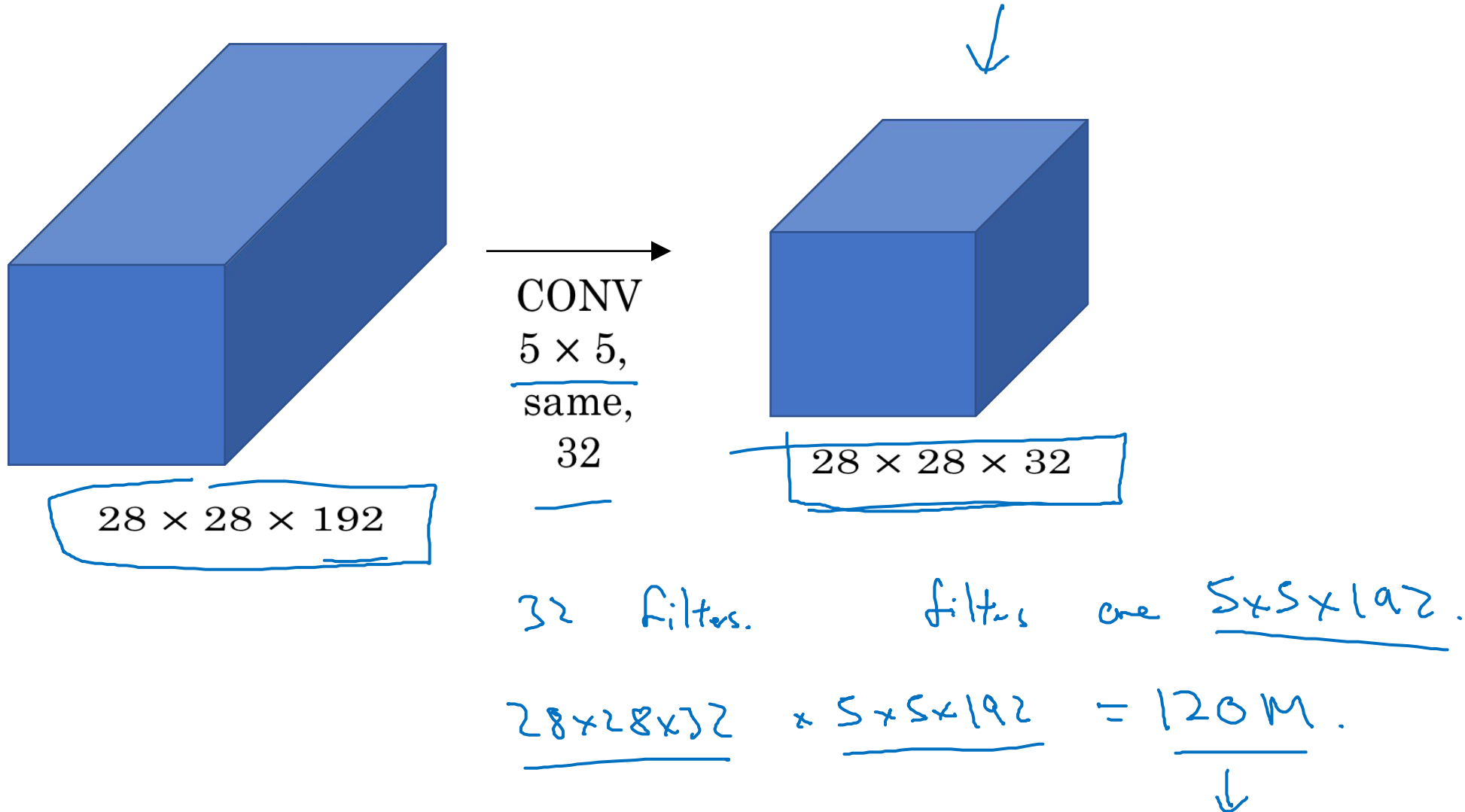
Case Studies

Inception network motivation

Motivation for inception network

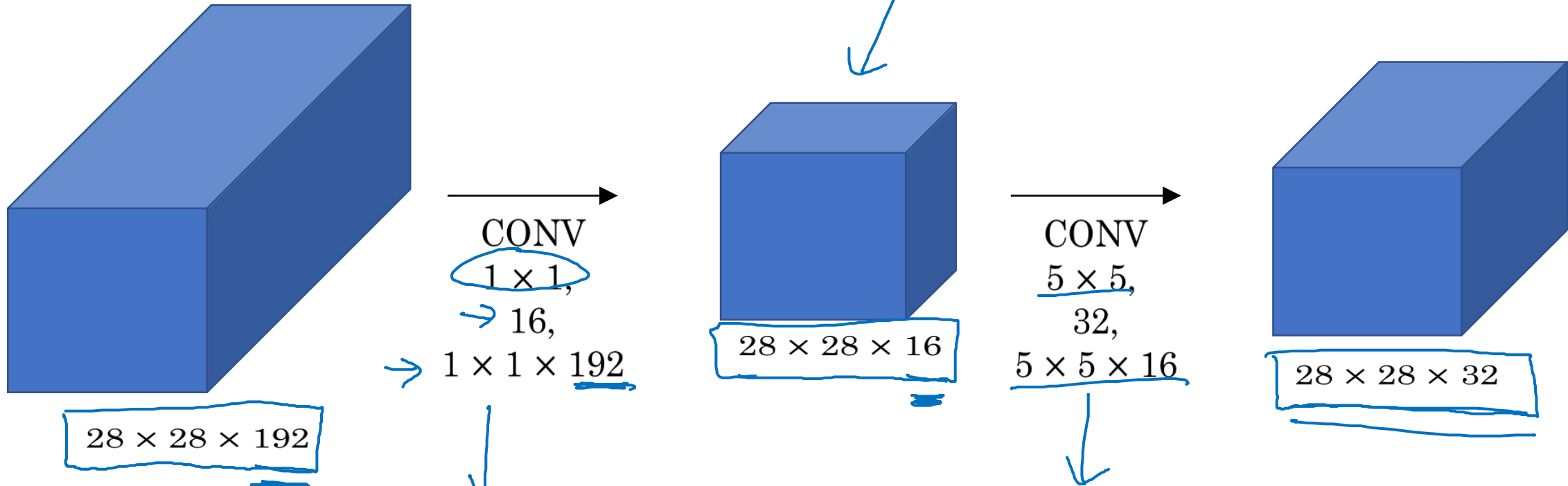
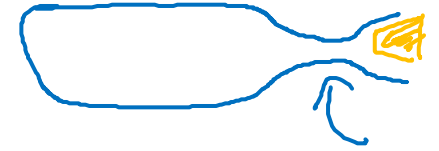


The problem of computational cost



Using 1×1 convolution

"bottleneck layer"



$$28 \times 28 \times 16 \times 192 = 2.4M$$

$$28 \times 28 \times 32 \times 5 \times 5 \times 16 = 10.0M$$

12.4M

120M