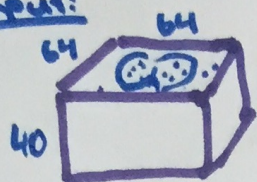
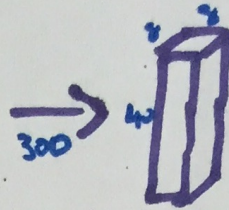
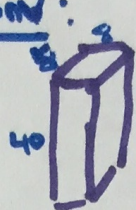


# Convolutional Neural Network Model #2

Input:



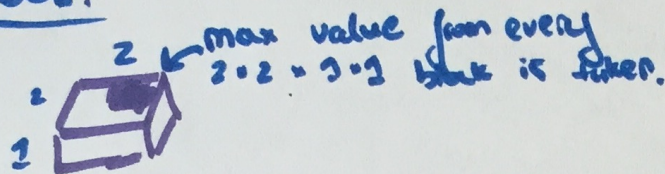
Conv:



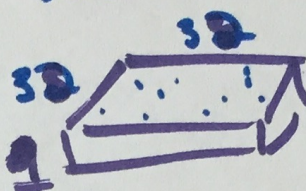
$32 \times 32 \times 1$

8 of such kernels  
stacked Output:

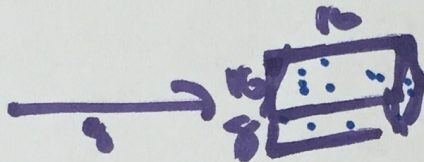
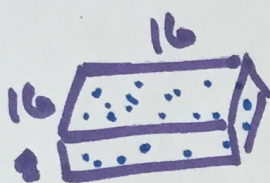
Pool:



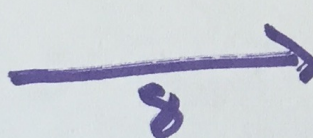
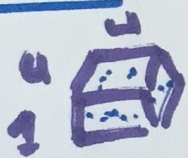
$\Rightarrow$



Output:



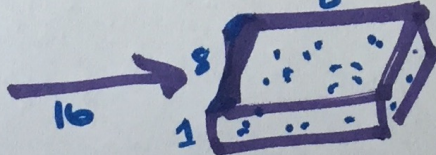
Conv:



$\Rightarrow 8 \times 8 \times 1 \times 1$

16 of such kernels

stacked Output:



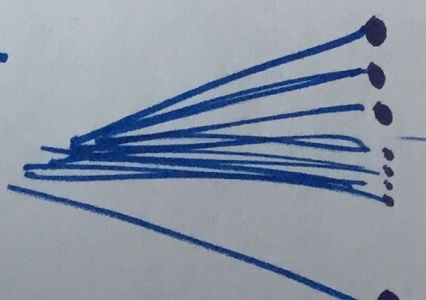
$\Rightarrow$

2x2 Pool: (same as before)

Resultant Volume:

$4 \times 4 \times 1 \times 16$

FC:



32 neurons  $\Rightarrow$

Autism

No Autism