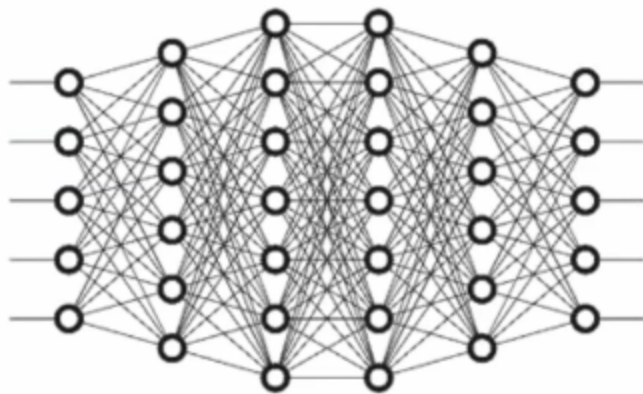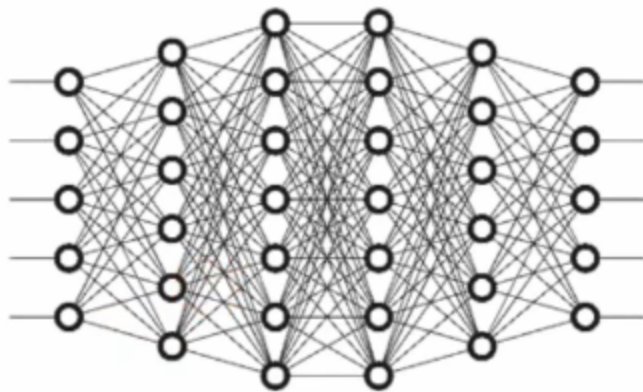# Why Not Fully Connected Networks

Image with 28 x 28 x 3 pixels

Number of weights in the first hidden layer will be 2352

Image with 200 x 200 x 3 pixels

Number of weights in the first hidden layer will be 120,000