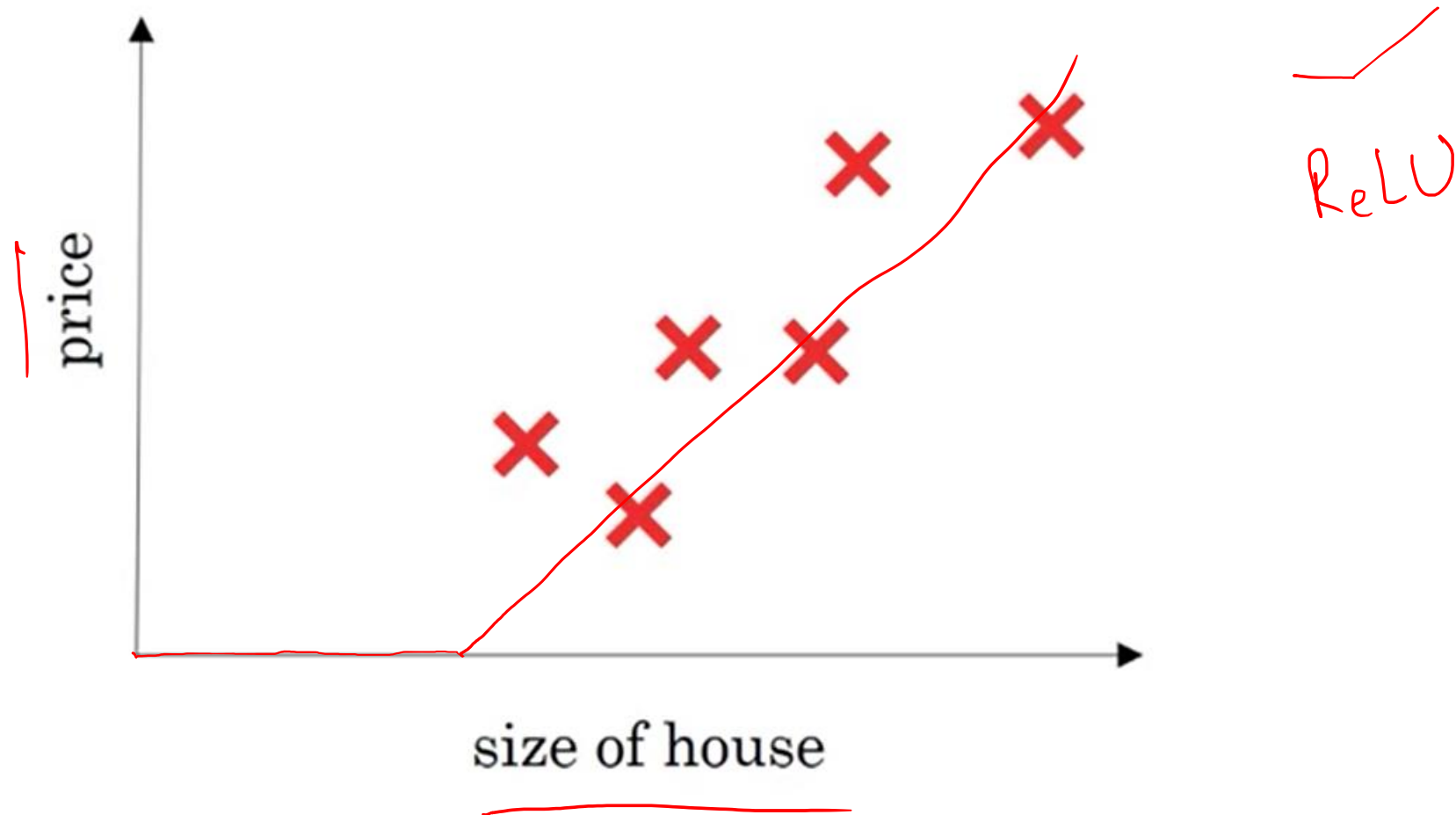


# Neural Networks Intuition - II

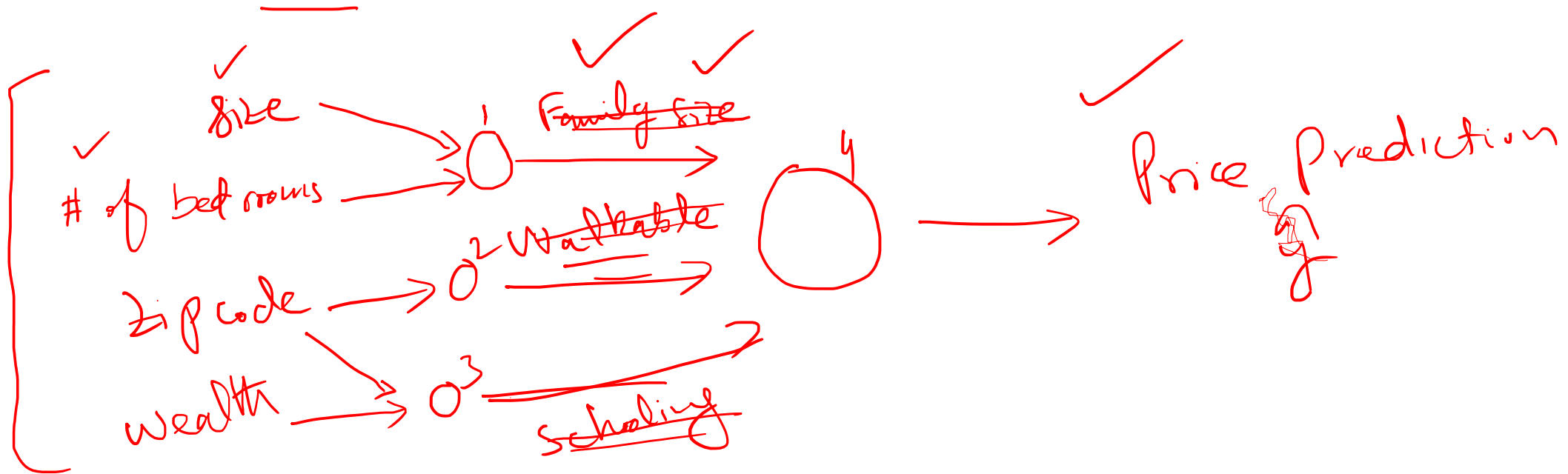
Dr. Muhammad Wasim

# How to model a network of Neurons?

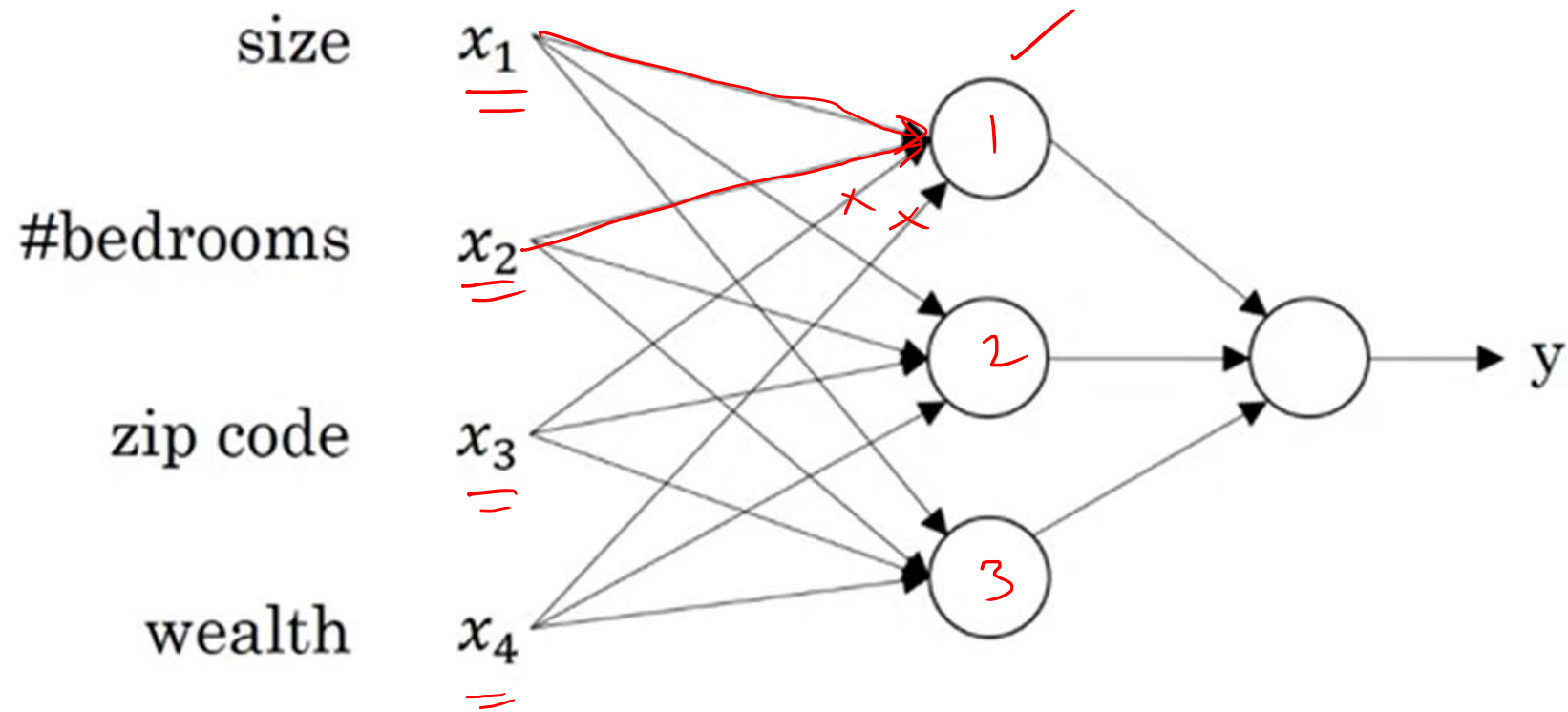


# Neural Network – Intuition

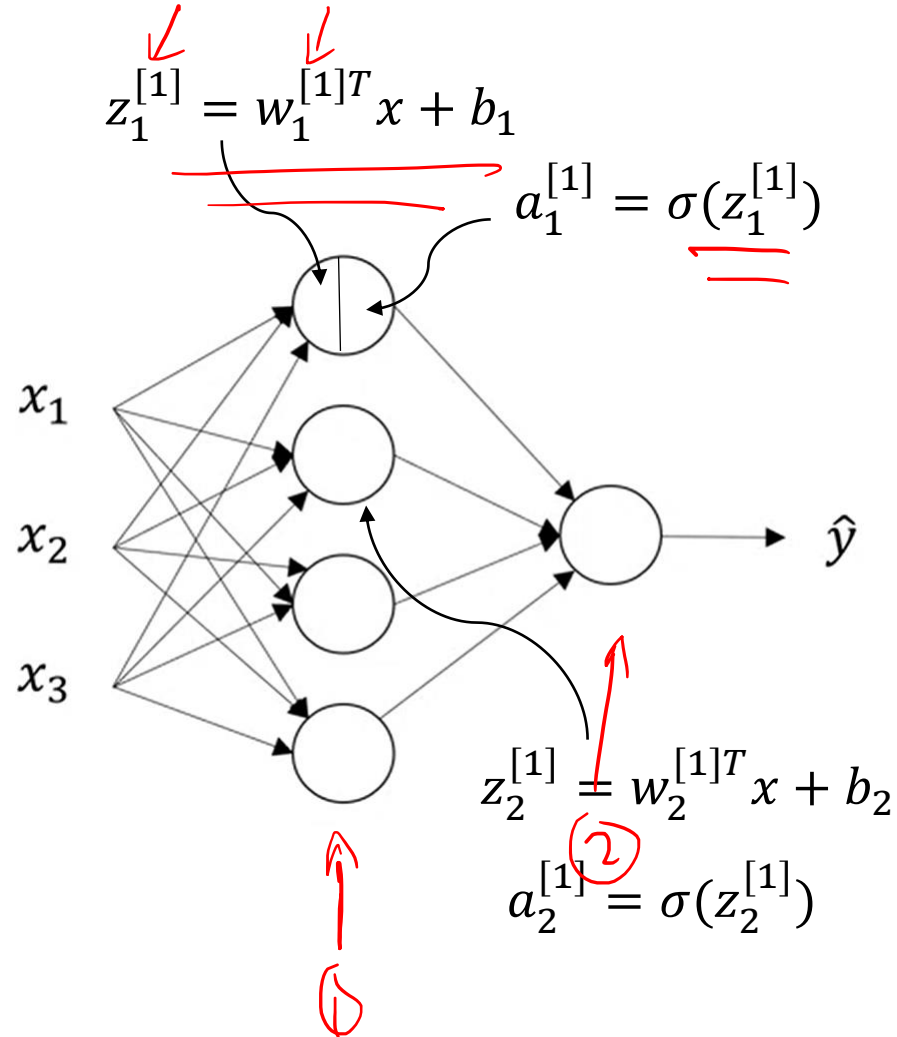
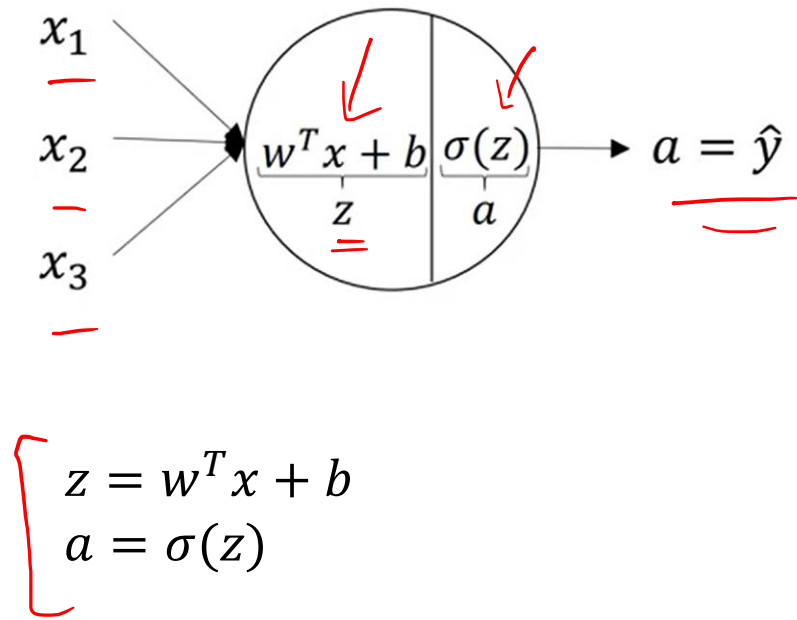
- Let us take the example of size of house, No. of bedrooms, zip code, and wealth



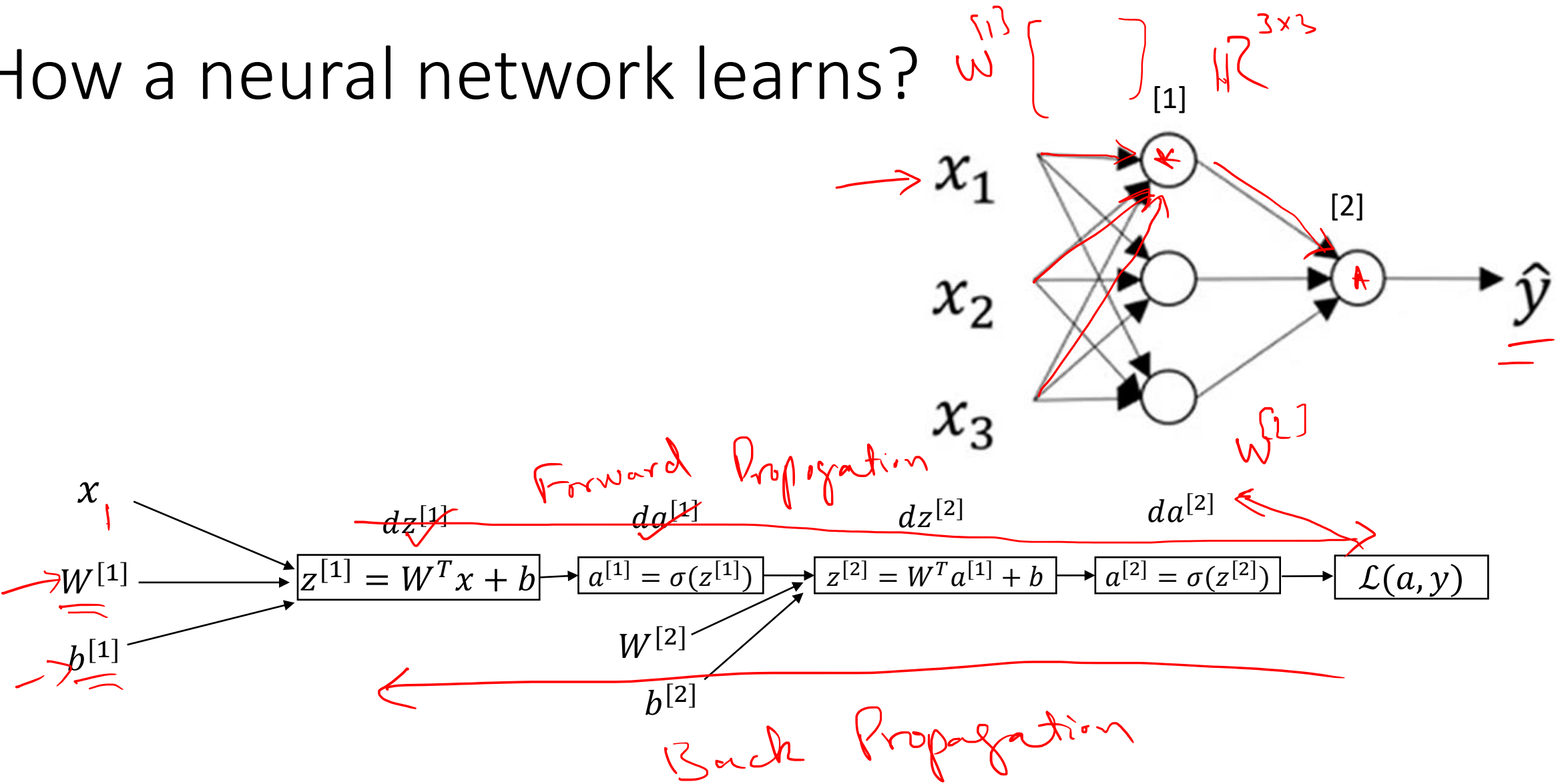
# Neural Network – Intuition



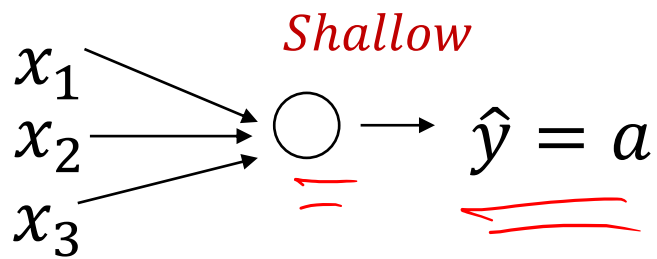
# Computing a Neural Network's Output for Classification



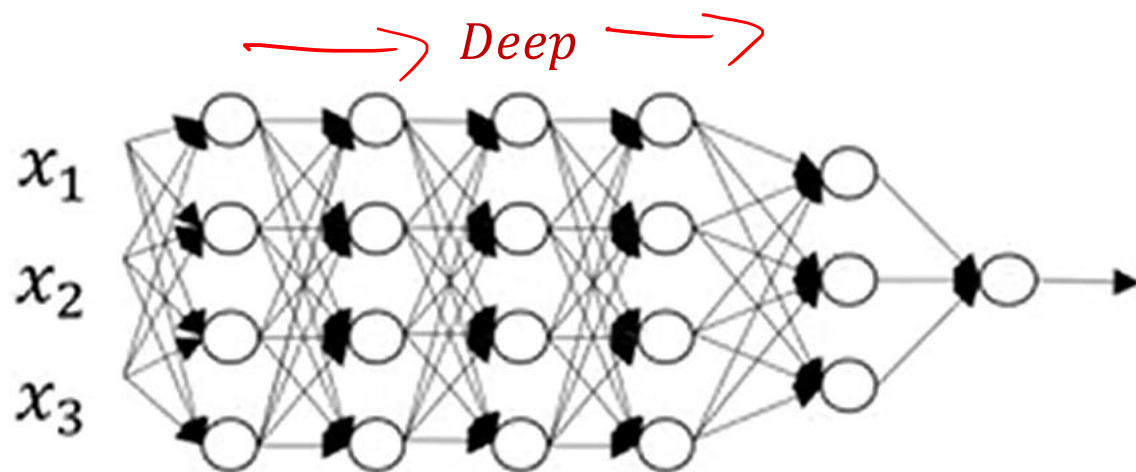
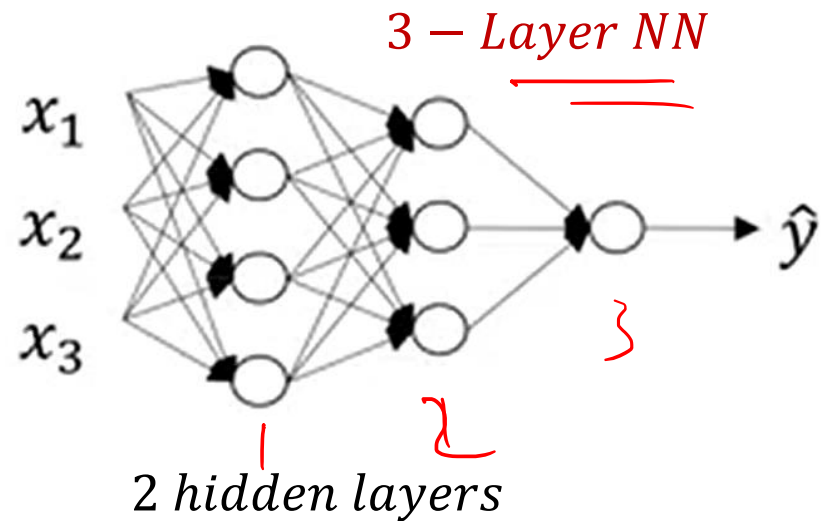
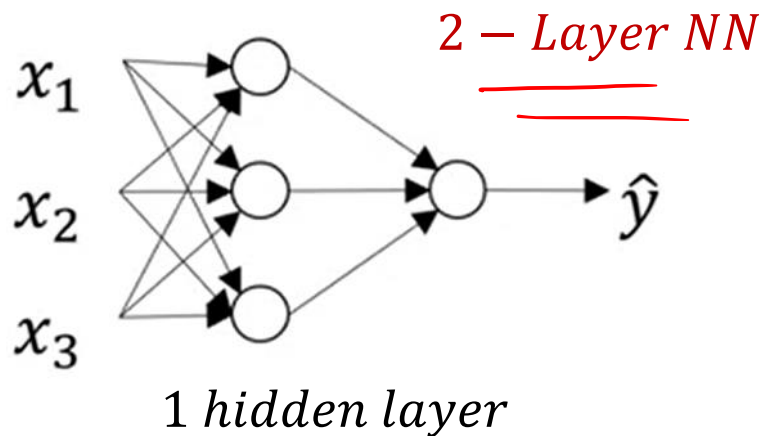
# How a neural network learns?



# What is a deep neural network (deep learning)?



*Logistic Regression*



*5 hidden layers*