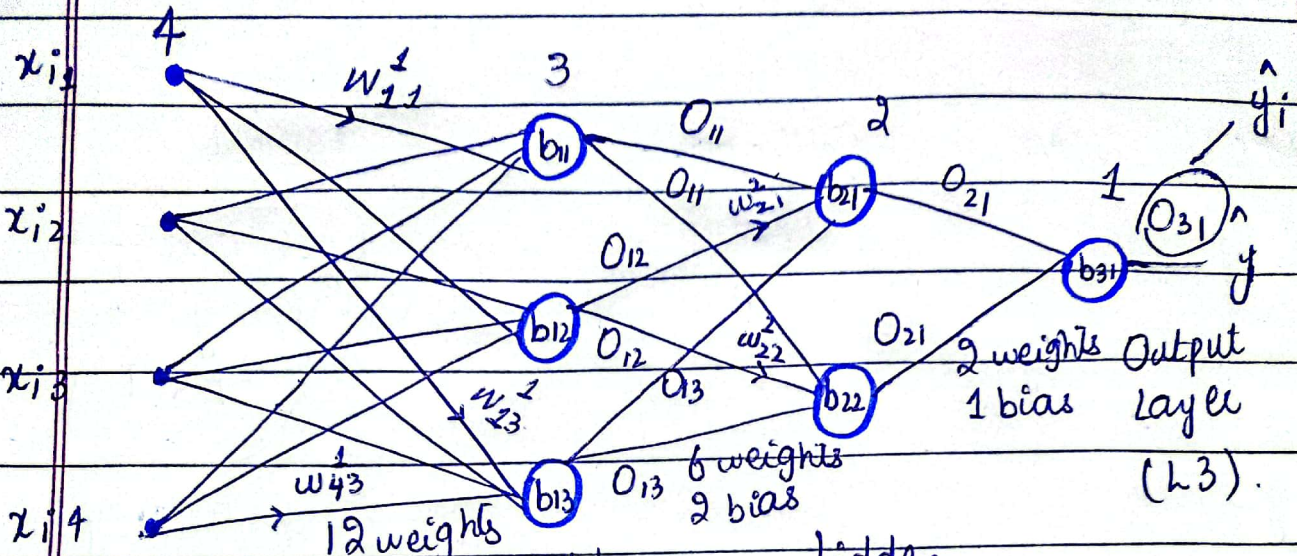
Multilayer perceptron notation:



Data → { m x n }

m → # row

n = 4

1	2	3	4	$\hat{y}$
i	.	.	.	.

one by one row.

decide

Date:

trainable parameter = ?

↳ training → (Back propagation)

How much

find the values of weight and bias = ?

There are 26 trainable parameters = Back propagation (find karein ga).

Weights, bias, output notation:

Bias ⟶ b_{ij} ∴ i → layer ; j → node

Output → O_{ij} ∴ i → layer ; j → node

Weight → w_{ij}^{K} ∴ i → # node (current layer)

∴ j → Jis layer mei enter ho raha Rai us ki kn si node

∴ K → weight (Kn si layer mei enter ho raha hai).