

$$X W W' = Y$$

Input Vector X
(One hot encoding)

x

Embedding
Matrix W

$=$

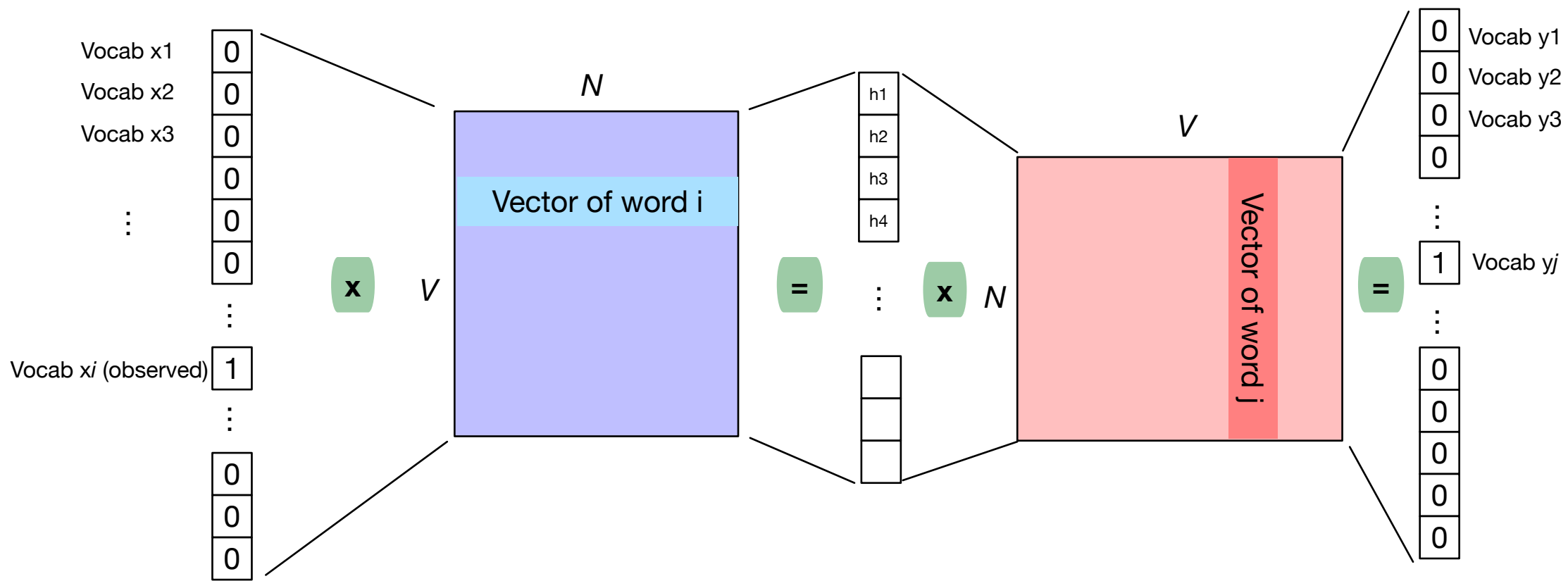
Embedding
Of word i

x

Context
Matrix W'

$=$

Output Y
(Softmax)

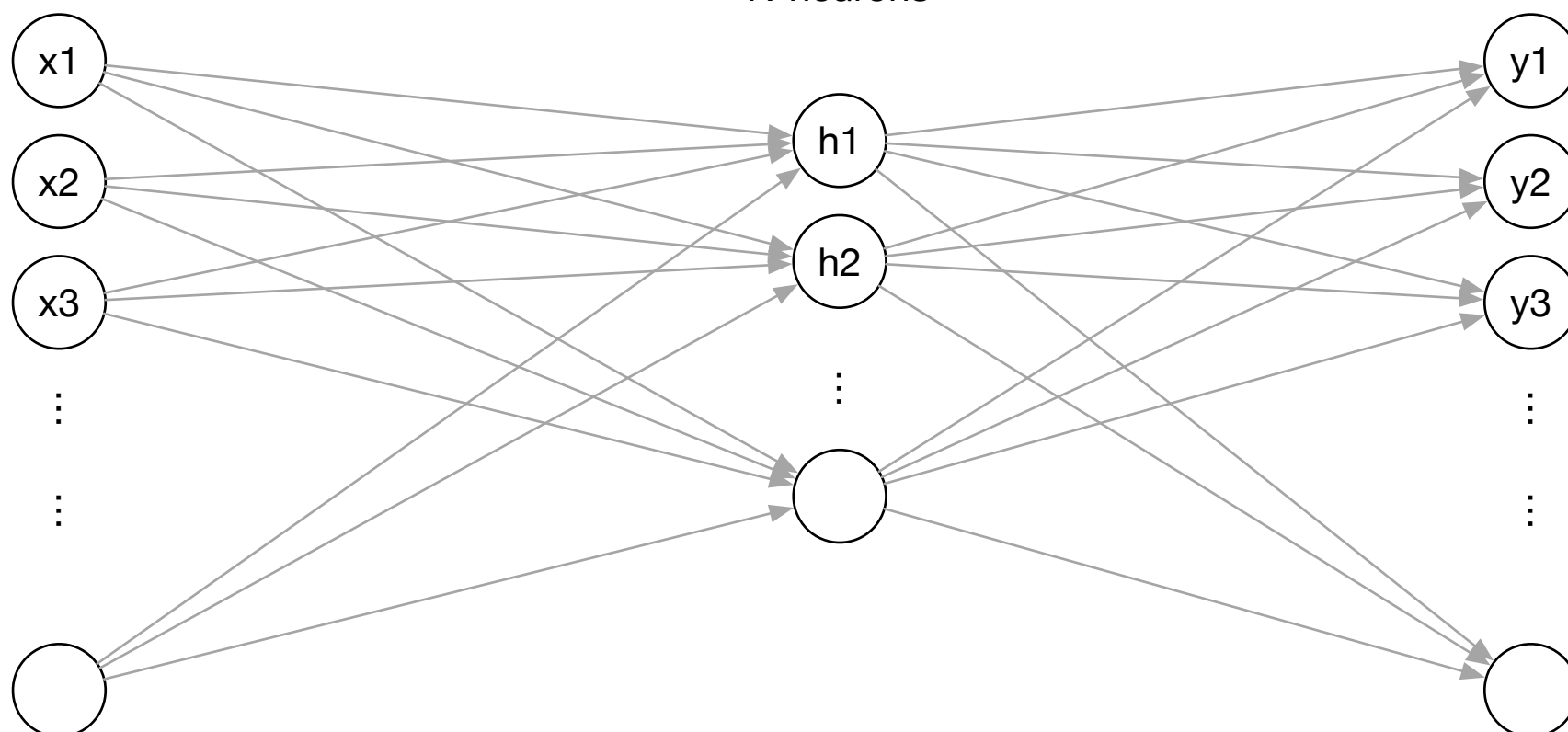


Matrix Representation

Input Layer
 V values

Hidden Layer
 N neurons

Output Layer
 V neurons



Neural Networks Representation