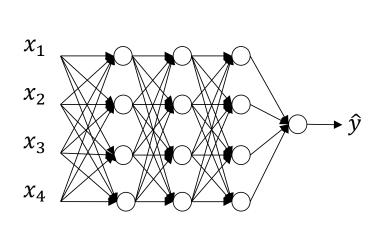
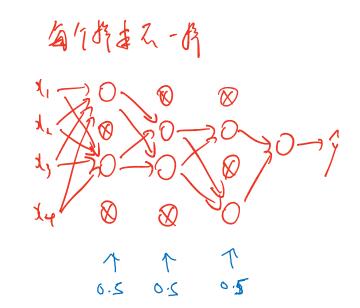


### Regularizing your neural network

# Dropout regularization

#### Dropout regularization





## Implementing dropout ("Inverted dropout") Illustre with lay 1=3. keep-prob= 0.8

-> [13]= np. rondon. rond (a3. shape To], a3. shape [1]) < keep-prob # a3 x= d3 a3 = np. multiply (a3, d3) > [a3 /= 08 keep-prob) < 1/2 / Bil 18 20% => 10 ] 283.00 2[4] 1824 50 units us 10 units shut off 2 = W . Q [3] + b [4] To reduced by 20%

- 0.8

#### Making predictions at test time

