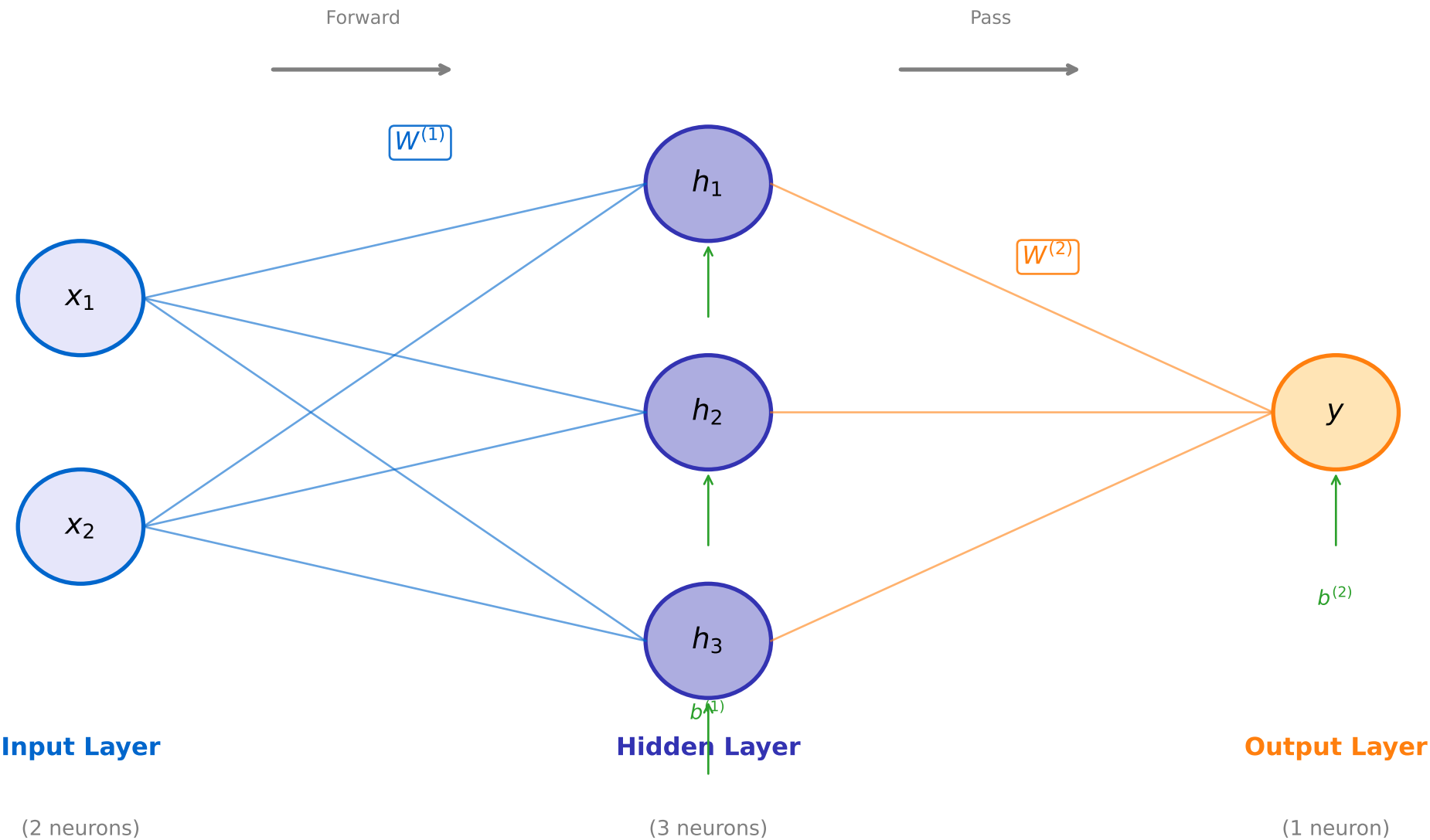


Multi-Layer Perceptron: 2-3-1 Architecture



Parameters:  
 $W^{(1)}$ :  $2 \times 3 = 6$   
 $b^{(1)}$ : 3  
 $W^{(2)}$ :  $3 \times 1 = 3$   
 $b^{(2)}$ : 1  
Total: 13

$$h = \phi(W^{(1)}x + b^{(1)}) \quad y = \phi(W^{(2)}h + b^{(2)})$$