

Multi-Layer Perceptron (MLP)

☒ Hide Answers

v2

Input Layer

X1	X2
3	-1
1	1
1	2
1	2

Hidden Layer 1

W1	b1				
1	0	-1	1	1	→
0	1	1	0	1	→
1	-1	0	0	0	→

1	1				
↓	↓	ReLU			
		~			
		~			
		~			

Hidden Layer 2

W2	b2				
0	-1	2	1		→
-1	1	0	2		→
0	1	1	1		→
-1	0	0	3		→

1	1				
↓	↓	ReLU			
		~			
		~			
		~			

Hidden Layer 3

W3	b3				
0	-1	-1	2	5	→
-1	1	1	0	2	→
-1	0	1	0	3	→

1	1				
↓	↓	ReLU			
		~			
		~			
		~			

Output Layer

W4	b4				
-1	1	-1	-2		→

1	1				
↓	↓	σ			
		~			
			Y1	Y2	

