

Multi-Layer Perceptron (MLP)

☐ Hide Answers

v3

Input Layer

X1	X2
2	-1
1	2
1	1
0	2

Hidden Layer 1

W1		b1				↓	↓	ReLU		
1	0	-1	1	1	→	2	1	~	2	1
0	1	1	0	1	→	3	4	~	3	4
1	-1	0	0	0	→	1	-3	~	1	0
									1	1

Hidden Layer 2

W2		b2			↓	↓	ReLU		
0	-1	2	1	→	0	-3	~	0	0
-1	1	0	2	→	3	5	~	3	5
0	1	1	1	→	5	5	~	5	5
-1	0	0	3	→	1	2	~	1	2

Hidden Layer 3

W3					b3									ReLU			
0	-1	-1	2	5	→	-1	-1	~	0	0							
-1	1	1	0	2	→	10	12	~	10	12							
-1	0	1	0	3	→	8	8	~	8	8							

Output Layer

W4				b4							
			</								

