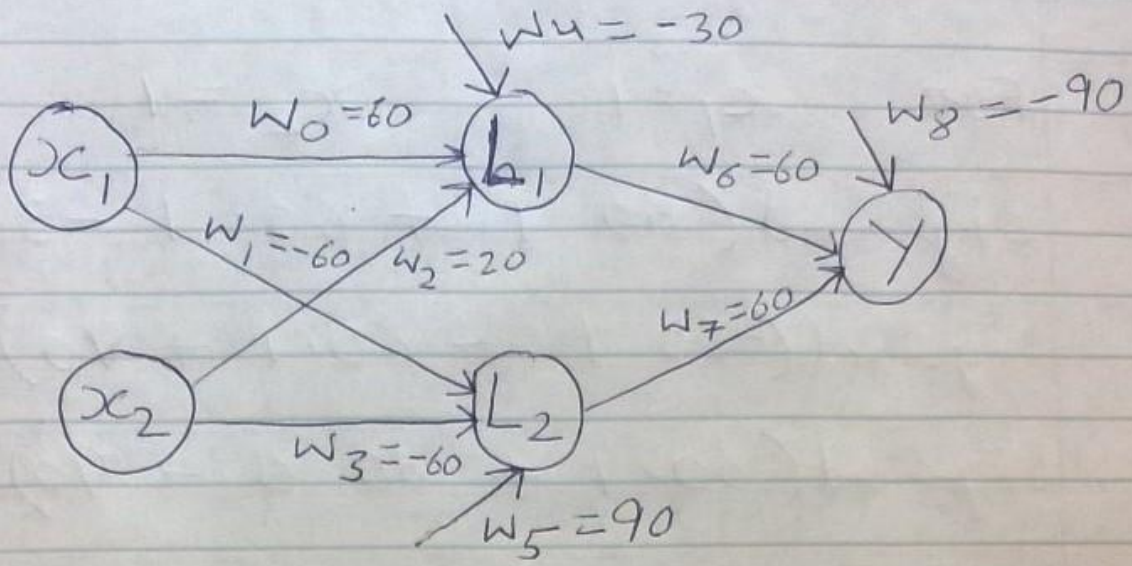
x_0	x_1	x_2	Output
1	1	1	-1
1	1	-1	1
1	-1	1	1
1	-1	-1	-1



W_4 is bias for L_1
W_5 is bias for L_2
W_8 is bias for Y

Let $W_0 = 60$ $W_1 = -60$ $W_4 = -30$

$W_2 = 20$ $W_3 = -60$ $W_5 = 90$

$W_6 = 60$ $W_7 = 60$ $W_8 = -90$

For $x_1 = 0$, $x_2 = 0$

sigmoid $(60 \cdot 0 + 60 \cdot 0 - 30) = 0$

sigmoid $(-60 \cdot 0 - 60 \cdot 0 + 90) = 1$

sigmoid $(60 \cdot 0 + 60 \cdot 1 - 90) = 0$

For $x_1 = 1$ $x_2 = 1$

sigmoid $(60 \cdot 1 + 60 \cdot 1 - 30) = 1$

sigmoid $(-60 \cdot 1 - 60 \cdot 1 + 90) = 0$

sigmoid $(60 \cdot 1 + 60 \cdot 0 - 90) = 0$

For $x_1 = 0$ $x_2 = 1$

sigmoid $(60 \cdot 0 + 60 \cdot 1 - 30) = 1$

sigmoid $(-60 \cdot 0 - 60 \cdot 1 + 90) = 1$

sigmoid $(60 \cdot 1 + 60 \cdot 1 - 90) = 1$

For $x_1 = 1$ $x_2 = 0$

sigmoid $(60 \cdot 1 + 60 \cdot 0 - 30) = 1$

sigmoid $(-60 \cdot 1 - 60 \cdot 0 + 90) = 1$

sigmoid $(60 \cdot 1 + 60 \cdot 1 - 90) = 1$