72 = -4

23 - 3 + (3x -4) + (2x0)

$$Z_1 = \text{Relu}(0, -8) = \max(0, -8) = 0$$

$$Z_2 = \text{Relu}(0, -4) = \max(0, -4) = 0$$

$$25 = 3 + (0x - 4) + (0x2) + (0x4) + (0x0)$$

$$= 3 + 0 + 0 + 0 + 0$$

$$26 = 3 + (0x - 3) + (0x - 5) + (0x + 1) + (0x - 1)$$

$$\frac{7}{3} + \frac{3 + (0x - 1) + (0x 3) + (0x 2) + (0x - 3)}{3 + 0 + 0 + 0 + 0}$$

$$Z_5 = \text{Relu}(0,3) = \max(0,3) = 3$$

 $Z_6 = \text{Relu}(0,3) = \max(0,3) = 3$

$$Z_3 = Relu(0,3) = max(0,3) = 3$$

$$\hat{y} = 3 + (3x - 5) + (3x4) + (3x - 3)$$

$$\hat{y} = -12 + 12 - 9$$

1+ e9

9 = 0.0001234

$$\hat{y} = 1$$

$$1 + e^{-2}$$

$$\hat{y} = \frac{1}{1 + e^{-2}}$$

$$\hat{y} = -q$$

$$\hat{y} = 3 + (3x-5) + (3x4) + (3x-3)$$

$$= 3 + (-15) + (12) + (-9)$$

$$= -12 + 12 - 9$$