$$\mathcal{X} = \begin{bmatrix} X_1 \\ X_2 \\ X_3 \end{bmatrix} = \begin{bmatrix} 4.8 \\ 25.5 \\ -3.3 \end{bmatrix} \quad \mathcal{W} = \begin{bmatrix} W_{11}, W_{12}, W_{13}, W_{14} \\ -1.7, 8, 17.7, 0.33 \end{bmatrix}$$

Recordemos ...

Función Sigmoide
$$f(x) = \frac{1}{1 - e^{-x}}$$

Funcion hiperbolica
$$F(x) = \frac{2}{1 \cdot e^{-2x}} - 1$$

Activación tangente hiperbolica
$$F(q) = \frac{2}{1+e^{-2}(15666)} - 1 = 2-1 = 1$$

