$$Z = \tanh(f(X, w_1, b_1))$$

$$Y = \mathrm{ReLu}(f(Z, w_2, b_2))$$

$$\mathrm{ReLu}(x) = \max(x, 0)$$

$$\tanh x = \frac{e^{2x} - 1}{e^{2x} + 1}$$