$z_i^{(j)} = \sum_i [w^{(ij)} * x^i]$

 $= \sum_{i} \sum_{j=1}^{\infty} m_{i}^{(ij)} \cdot x_{i+j}^{(ij)}$



 $\frac{dh}{d\ell} = \frac{\partial h}{\partial g_1} \cdot \frac{dg_2}{dT} + \dots + \frac{\partial h}{\partial g_N} \cdot \frac{dg_N}{d\ell}$





4.4 6 9 8