$\frac{\partial J}{\partial z} = \frac{\partial J}{\partial Y}                                  $
$\frac{\partial J}{\partial X} = \frac{\partial J}{\partial Z} W^{T}$
$\frac{\partial J}{\partial W} = \frac{1}{14} \cdot X^{T} \frac{\partial J}{\partial z}$
$\frac{\partial J}{\partial b} = \frac{1}{M} \left( \frac{\partial J}{\partial z} \right)^T 1_M$
1 <sub>m</sub> = (!) The is an all-one vector