



$\frac{\partial L}{\partial w1} = ?$      
  $\frac{\partial L}{\partial w1} = \frac{\partial L}{\partial e} * \frac{\partial e}{\partial \hat{y}} * \frac{\partial \hat{y}}{\partial w1}$      
  $\frac{\partial L}{\partial w1} = -2e * area$

Chain Rule

