Layer/Revel (Q-1) (4) 20 K (26) 252 DWK; DO(K) D(2(e)) S:ME (e) (e) (1-9) 1-ac/9x D= [X | Y.] (2) Z(e) WKO XO + WKI N2 =). Wej: = Wej + n8 = 9: + - . + W/ej @j 80k(2) colulations for the final layer (w's) (1+ez) (1-ax) (ax)

$$\frac{\partial RSS}{\partial W_{j}^{(l-1)}} \frac{\partial RS}{\partial Q_{j}^{(l-1)}} \frac{\partial Q_{j}^{(l-1)}}{\partial Z_{j}^{(l-1)}} \frac{\partial Z_{j}^{(l-1)}}{\partial W_{j}^{(l-1)}} \frac{\partial Z_{j}^{(l-1)}}{\partial W_{j}^{(l-1)}} \frac{\partial W_{j}^{(l-1)}}{\partial W_{j}^{(l-1)}} \frac{\partial Z_{j}^{(l-1)}}{\partial W_{j}^{(l-1)}} \frac{\partial Z_{j}^{(l-1)}}{\partial Z_{j}^{(l-1)}} \frac{\partial Z_{j}^{(l$$