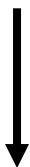


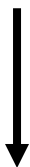
Loss Q



$$\frac{\partial Q}{\partial \mathbf{X}^{(L+1)}}$$



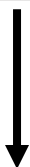
$$\frac{\partial Q}{\partial \mathbf{W}^{(L)}}$$



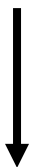
$$\frac{\partial Q}{\partial \mathbf{X}^{(L)}}$$



$$\frac{\partial Q}{\partial \mathbf{W}^{(L-1)}}$$



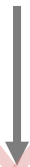
\vdots



$$\frac{\partial Q}{\partial \mathbf{X}^{(2)}}$$



$$\frac{\partial Q}{\partial \mathbf{W}^{(1)}}$$



$$\frac{\partial Q}{\partial \mathbf{X}^{(1)}}$$

(This derivative is not useful)