

$\text{sqr}'(\text{sub}(y, \text{add}(\text{matmul}(\mathbf{w}, \mathbf{x}), b)))$

$\text{sub}'(y, \text{add}(\text{matmul}(\mathbf{w}, \mathbf{x}), b))$

$\text{add}'(\text{matmul}(\mathbf{w}, \mathbf{x}), b)$

$\frac{d}{d\mathbf{w}} \text{matmul}(\mathbf{w}, \mathbf{x})$