(1) $f(x) = ax^2 + bx + c$

(2) $f(x) = \exp(x)$

(3) $f(x) = \frac{a}{b}, \quad a \in \mathbb{R}, b \in \mathbb{R}$

(4) $f(x) = \sum_{i=1}^{n} x_i, \quad x = (x_1, x_2, \cdots, x_n)$

(5) $f(x) = \int_{\Omega} \sigma(x, t) dt$

(6) $\frac{\partial \mathbb{E}}{\partial w}$

(7) $w^{t+1} = w^t - \eta \nabla \mathcal{L}(w^t)$