$$\frac{\mathrm{d}f}{\mathrm{d}x} \tag{1}$$

$$\frac{\mathrm{d}^2 f}{\mathrm{d}x^2} \tag{2}$$

$$\frac{\mathrm{d}^n f}{\mathrm{d}x^n} \tag{3}$$

$$\frac{\mathrm{d}f}{\mathrm{d}x_1} \tag{4}$$

$$\frac{\partial f}{\partial x} \tag{5}$$

$$\frac{\partial^2 f}{\partial x^2} \tag{6}$$

$$\frac{\partial^2 f}{\partial x \partial y} \tag{7}$$

$$\frac{\partial^3 f}{\partial x^2 \partial y} \tag{8}$$