

No	command	expected	result
1	<code>\odr{x}{f}</code>	$\frac{df}{dx}$	$\frac{df}{dx}$
2	<code>\odr{x}[2]{f}</code>	$\frac{d^2 f}{dx^2}$	$\frac{d^2 f}{dx^2}$
3	<code>\odr{x}[n]{f}</code>	$\frac{d^n f}{dx^n}$	$\frac{d^n f}{dx^n}$
4	<code>\odr{x_1}{f}</code>	$\frac{df}{dx_1}$	$\frac{df}{dx_1}$
5	<code>\odr{x_1}{y_2}</code>	$\frac{dy_2}{dx_1}$	$\frac{dy_2}{dx_1}$
6	<code>\odr{t}{\bm{u}}</code>	$\frac{d\mathbf{u}}{dt}$	$\frac{d\mathbf{u}}{dt}$
7	<code>\odr{\bm{x}}{f}</code>	$\frac{df}{d\mathbf{x}}$	$\frac{df}{d\mathbf{x}}$

No	command	expected	result
1	<code>\pdr{\{x\}\{f\}}</code>	$\frac{\partial f}{\partial x}$	$\frac{\partial f}{\partial x}$
2	<code>\pdr{\{x\}[2]\{f\}}</code>	$\frac{\partial^2 f}{\partial x^2}$	$\frac{\partial^2 f}{\partial x^2}$
3	<code>\pdr{\{x\}\{y\}\{f\}}</code>	$\frac{\partial^2 f}{\partial x \partial y}$	$\frac{\partial^2 f}{\partial x \partial y}$
4	<code>\pdr{\{x\}[2]\{y\}\{f\}}</code>	$\frac{\partial^3 f}{\partial x^2 \partial y}$	$\frac{\partial^3 f}{\partial x^2 \partial y}$
5	<code>\pdr{\{x\}[2]\{y\}[3]\{f\}}</code>	$\frac{\partial^5 f}{\partial x^2 \partial y^3}$	$\frac{\partial^5 f}{\partial x^2 \partial y^3}$
6	<code>\pdr{\{x_1\}\{y\}}</code>	$\frac{\partial y}{\partial x_1}$	$\frac{\partial y}{\partial x_1}$
7	<code>\pdr{\{x\}\{f_2\}}</code>	$\frac{\partial f_2}{\partial x}$	$\frac{\partial f_2}{\partial x}$
8	<code>\pdr{\{x_1\}\{t\}\{f\}}</code>	$\frac{\partial^2 f}{\partial x_1 \partial t}$	$\frac{\partial^2 f}{\partial x_1 \partial t}$
9	<code>\pdr{\{x_1\}\{x_2\}\{f\}}</code>	$\frac{\partial^2 f}{\partial x_1 \partial x_2}$	$\frac{\partial^2 f}{\partial x_1 \partial x_2}$
10	<code>\pdr{\{\bm{x}\}\{f\}}</code>	$\frac{\partial f}{\partial \mathbf{x}}$	$\frac{\partial f}{\partial \mathbf{x}}$
11	<code>\pdr{\{\bm{x}\}\{\bm{y}\}\{f\}}</code>	$\frac{\partial^2 f}{\partial \mathbf{x} \partial \mathbf{y}}$	$\frac{\partial^2 f}{\partial \mathbf{x} \partial \mathbf{y}}$
12	<code>\pdr{\{\bm{x}_1\}\{\bm{y}_2\}\{f\}}</code>	$\frac{\partial^2 f}{\partial x_1 \partial y_2}$	$\frac{\partial^2 f}{\partial x_1 \partial y_2}$
13	<code>\pdr{\{x\}[2]\{\bm{u}\}}</code>	$\frac{\partial^2 \mathbf{u}}{\partial x^2}$	$\frac{\partial^2 \mathbf{u}}{\partial x^2}$
14	<code>\pdr{\{x\}\{\bm{u}\}}+\pdr{\{y\}\{\bm{u}\}}</code>	$\frac{\partial \mathbf{u}}{\partial x} + \frac{\partial \mathbf{u}}{\partial y}$	$\frac{\partial \mathbf{u}}{\partial x} + \frac{\partial \mathbf{u}}{\partial y}$
15	<code>\pdr{\{x\}\{\}}</code>	$\frac{\partial}{\partial x}$	$\frac{\partial}{\partial x}$
16	<code>\pdr{\{x_1\}\{\}}</code>	$\frac{\partial}{\partial x_1}$	$\frac{\partial}{\partial x_1}$
17	<code>\pdr{\{\bm{x}\}\{\}}</code>	$\frac{\partial}{\partial \mathbf{x}}$	$\frac{\partial}{\partial \mathbf{x}}$

No	command	expected	result
1	<code>\pdr*{\{x\}[n]{f}[n]}</code>	$\frac{\partial^n f}{\partial x^n}$	$\frac{\partial^n f}{\partial x^n}$
2	<code>\pdr*{\{x\}[n]\{\}[n]}</code>	$\frac{\partial^n}{\partial x^n}$	$\frac{\partial^n f}{\partial x^n}$
3	<code>\pdr*{\{x\}[n]{y}[m]{f}[n+m]}</code>	$\frac{\partial^{n+m} f}{\partial x^n \partial y^m}$	$\frac{\partial^{n+m} f}{\partial x^n \partial y^m}$
4	<code>\pdr*{\{x\}[1]{y}[1]{f}[1+1]}</code>	$\frac{\partial^{1+1} f}{\partial x^1 \partial y^1}$	$\frac{\partial^{1+1} f}{\partial x^1 \partial y^1}$
5	<code>\pdr*{\{x\}{y}[n]{f}[n+1]}</code>	$\frac{\partial^{n+1} f}{\partial x \partial y^n}$	$\frac{\partial^{n+1} f}{\partial x \partial y^n}$

No	command	expected	result
1	<code>\pdrr{\{x\}{f}}</code>	$\partial_x f$	$\partial_x f$
2	<code>\pdrr{\{i\}{j}{f}}</code>	$\partial_i \partial_j f$	$\partial_i \partial_j f$
3	<code>\pdrr{\{i\}*{j}{f}}</code>	$\partial_i \partial^j f$	$\partial_i \partial^j f$
4	<code>\pdrr{*{i}{j}{f}}</code>	$\partial^i \partial_j f$	$\partial^i \partial_j f$

No	command	expected	result
1	<code>\grad{f}</code>	$\nabla f$	$\nabla f$
2	<code>\div{\bm{v}}</code>	$\nabla \cdot \boldsymbol{v}$	$\nabla \cdot \boldsymbol{v}$
3	<code>\rot{\bm{v}}</code>	$\nabla \times \boldsymbol{v}$	$\nabla \times \boldsymbol{v}$
4	<code>\laplaced{f}</code>	$\Delta f$	$\Delta f$
5	<code>\laplacen{f}</code>	$\nabla^2 f$	$\nabla^2 f$
6	<code>\gradr{f}</code>	$\text{grad } f$	$\text{grad } f$
7	<code>\divr{\bm{v}}</code>	$\text{div } \boldsymbol{v}$	$\text{div } \boldsymbol{v}$
8	<code>\rotr{\bm{v}}</code>	$\text{rot } \boldsymbol{v}$	$\text{rot } \boldsymbol{v}$