A note about TERMINOLOGY:

The symbol $\partial z/\partial x$ will be read aloud as "Partial dz dx", that is, as "Partial dee-zee dee-ex".

Similarly, The symbol $\partial z/\partial y$ will be read aloud as "Partial dz dy".

Also, the symbols $\partial^2 z/\partial x^2$, $\partial^2 z/\partial x \partial y$, $\partial^2 z/\partial y \partial x$, and $\partial^2 z/\partial y^2$ will be read aloud as, respectively,

"Partial d-squared z dx-squared", "Partial d-squared z dx dy",

"Partial d-squared z dy dx", and "Partial d-squared z dy-squared".