

Double Integrals:

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### Triple Integrals:



### Partial Derivatives:



*ith* respect to the associated variable — —

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$$\frac{\partial^2 z}{\partial x^2} = \frac{\partial}{\partial x} \left( \frac{\partial z}{\partial x} \right)$$

$$\frac{\partial^2 z}{\partial x \partial y}$$

$$\frac{\partial^2 z}{\partial y^2}$$

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