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List of point of views for evaluation of integration

- Limit of a sum
- Inverse of differentiation

Statement of fundamental theorem of integral calculus

- Existence of

$$F(x)$$

for a function

$$f(x)$$

-

$$\frac{dF(x)}{dx} = f(x)$$

-

$$F(x)$$

as integral of

$$f(x)$$

with respect to x

-

$$\int f(x)dx = F(x)$$

Integration in integral calculus

Process of finding the integral

Integrand in integral calculus

Function which has been integrated

Indefinite integral in integral calculus

Integral applicable over any real number as constants

Scope of constant in integral calculus

Only real numbers