

Integration
symbol

Differential
of x

Constant of
integration

The diagram shows the equation $\int f(x) dx = F(x) + C$. Arrows point from the labels to the corresponding parts of the equation: from 'Integration symbol' to the integral sign, from 'Differential of x ' to dx , from 'Constant of integration' to C , from 'Integrand' to $f(x)$, and from 'One antiderivative' to $F(x)$.

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

Integrand

One
antiderivative