Section 25.2: The Indefinite Integral

Wednesday, January 02, 2013 11:09 AM

notation for antiderivatives:

a constent

 $\sqrt{}$

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

1

"The integral of f(x) dx "

1

antidenvalue

$$\left[far F'(x) = f(x) \right]$$

the dx indicates what variable you are integrating with respect to

example:

$$\int x^4 dx = \int x^5 + C$$