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Funciones simples	Funciones compuestas
$\int dx = x + C$	
$\int k dx = k \cdot x + C$	
$\int x^n dx = \frac{x^{n+1}}{n+1} + C$	$\int u^n \cdot u' dx = \frac{u^{n+1}}{n+1} + C \quad n \neq -1$
$\int \frac{1}{x} dx = \ln x + C$	$\int \frac{u'}{u} dx = \ln u + C$
$\int e^x dx = e^x + C$	$\int e^u \cdot u' dx = e^u + C$
$\int a^x dx = \frac{a^x}{\ln a} + C$	$\int a^u \cdot u' dx = \frac{a^u}{\ln a} + C$
$\int \text{sen } x dx = -\text{cos } x + C$	$\int \text{sen } u \cdot u' dx = -\text{cos } u + C$
$\int \text{cos } x dx = \text{sen } x + C$	$\int \text{cos } u \cdot u' dx = \text{sen } u + C$
$\int \frac{1}{\cos^2 x} dx = \int \sec^2 x dx = \int (1 + \text{tg}^2 x) dx = \text{tg } x + C$	$\int \frac{u'}{\cos^2 u} dx = \int \sec^2 u \cdot u' dx = \int (1 + \text{tg}^2 u) \cdot u' dx = \text{tg } u + C$
$\int \frac{1}{\text{sen}^2 x} dx = \int \text{cosec}^2 x dx = \int (1 + \text{cotg}^2 x) dx = -\text{cotg } x + C$	$\int \frac{u'}{\text{sen}^2 u} dx = \int \text{cosec}^2 u \cdot u' dx = \int (1 + \text{cotg}^2 u) \cdot u' dx = -\text{cotg } u + C$
$\int \frac{1}{\sqrt{1-x^2}} \cdot dx = \text{arc sen } x + C$	$\int \frac{u'}{\sqrt{1-u^2}} dx = \text{arc sen } u + C$
$\int \frac{1}{1+x^2} \cdot dx = \text{arc tg } x + C$	$\int \frac{u'}{1+u^2} dx = \text{arc tg } u + C$

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