integral	function	derivative
	x^n	nx^{n-1}
	e^x	e^x
$x \ln x - x$	$\ln x$	$\frac{1}{x}$
	$\ln(1+x)$	$\frac{1}{1+x}$
$-\cos x$	$\sin x$	$\cos x$
$\sin x$	$\cos x$	$-\sin x$
$\frac{1}{2}(x - \sin x \cos x)$	$\sin^2 x$	
$\frac{1}{2}(x + \sin x \cos x)$	$\cos^2 x$	
$\frac{1}{2}(x - \sin x \cos x)$	$\sin^3 x$	
$\frac{1}{2}(x + \sin x \cos x)$	$\cos^2 x$	
	$\sin^- x$	$\frac{1}{\sqrt{1-x^2}}$
	$\tan^- x$	$\frac{1}{1+x^2}$
	$\tan x$	$\sec^2 x$
	$\sec x$	$\sin x \cos^{-2} x = \tan x \sec x$
	$\csc x$	$\cot x \csc x$
$\ln \lvert \sin x \rvert$	$\cot x$	
$\ln \lvert \sec x + \tan x \rvert$	$\sec x$	
$2\sqrt{x}$	$\frac{1}{\sqrt{x}}$	