

Function	Integral
$\sin x$	$-\cos x + c$
$\cos x$	$\sin x + c$
$\sin^2 x$	$x/2 - \sin(2x)/4 + c = (x - \sin x \cdot \cos x)/2 + c$
$\cos^2 x$	$x/2 + \sin(2x)/4 + c = (x + \sin x \cdot \cos x)/2 + c$
$\tan x = \sec^2 x$	$-\ln \cos x + c$
$\cot x = -\csc^2 x$	$\ln \sin x + c$
$\sec x$	$\ln \sec x + \tan x + c$
$\csc x$	$-\ln \csc x + \cot x + c$
$\sec^2 x$	$\tan x + c$
$\csc^2 x$	$-\cot x + c$

$$\sin^2 \theta = 1 - \cos^2 \theta$$

$$\cos^2 \theta = 1 - \sin^2 \theta$$

$$\tan^2 \theta + 1 = \sec^2 \theta$$

$$\tan^2 \theta = \sec^2 \theta - 1$$

$$\cot^2 \theta + 1 = \csc^2 \theta$$

$$\cot^2 \theta = \csc^2 \theta - 1$$

$$\sin(-\theta) = -\sin(\theta)$$

$$\cos(-\theta) = \cos(\theta)$$

$$\tan(-\theta) = -\tan(\theta)$$