

		$(U)'$	$\int v \, dx$	
$I_n = \int \sin^n x \, dx$	$\int \sin^{n-1} x \cdot \sin^1 x \, dx$	$(\sin^{n-1} x)' = (n-1)\sin^{n-2} x \cdot \cos x$	$\int \sin x \, dx = -\cos x + c$	$\sin^2 x = 1 - \cos^2 x$
$I_n = \int \cos^n x \, dx$	$\int \cos^{n-1} x \cdot \cos^1 x \, dx$	$(\cos^{n-1} x)' = (n-1)\cos^{n-2} x \cdot (-\sin x)$	$\int \cos x \, dx = \sin x + c$	$\cos^2 x = 1 - \sin^2 x$
$I_n = \int \sec^n x \, dx$	$\int \sec^{n-2} x \cdot \sec^2 x \, dx$	$(\sec^{n-2} x)' = (n-2)\sec^{n-3} x \cdot \sec x \cdot \tan x$	$\int \sec x \, dx = \log \sec x + \tan x + c$	$\tan^2 x = \sec^2 x - 1$
$I_n = \int \operatorname{cosec}^n x \, dx$	$\int \operatorname{cosec}^{n-2} x \cdot \operatorname{cosec}^2 x \, dx$	$(\operatorname{cosec}^{n-2} x)' = (n-2)\operatorname{cosec}^{n-3} x \cdot \csc x \cdot \cot x$	$\int \csc x \, dx = \log \csc x - \cot x + c$	$\cot^2 x = \csc^2 x - 1$
$I_n = \int \tan^n x \, dx$	$\int \tan^{n-2} x \cdot \tan^2 x \, dx$	$(\tan x)' = \sec^2 x$	$\int \tan x \, dx = \log \sec x + c$	$\tan^2 x = \sec^2 x - 1$
$I_n = \int \cot^n x \, dx$	$\int \cot^{n-2} x \cdot \cot^2 x \, dx$	$(\cot x)' = -\operatorname{cosec}^2 x$	$\int \cot x \, dx = \log \sin x + c$	$\cot^2 x = \csc^2 x - 1$

$(\sin^{n-1}x)' = (n-1)\sin^{n-2}x \cdot \cos x$	$(\cos^{n-1}x)' = (n-1)\cos^{n-2}x \cdot (-\sin x)$	$(\sec^{n-2}x)' = (n-2)\sec^{n-3}x \cdot \sec x \cdot \tan x$
$(\csc^{n-2}x)' = (n-2)\csc^{n-3}x \cdot \csc x \cdot \cot x$	$(\tan x)' = \sec^2 x$	$(\cot x)' = -\cosec^2 x$
$\int \sin x \, dx = -\cos x + c$	$\int \cos x \, dx = \sin x + c$	$\int \sec x \, dx = \log \sec x + \tan x + c$
$\int \csc x \, dx = \log \csc x - \cot x + c$	$\int \tan x \, dx = \log \sec x + c$	$\int \cot x \, dx = \log \sin x + c$