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Year 2 (A-Level)

Integration (sample questions)

The marks shown are for guidance purposes only

When not specified, round all non-terminating decimals to 3 significant figures

Integration:

$f(x)$	$\int f'(x) dx$
$\int u \frac{dv}{dx} dx$	$uv - \int v \frac{du}{dx} dx$
$\int \frac{f'(x)}{f(x)} dx$	$\ln f(x) + c$
$\int \tan x dx$	$\ln \sec x + c$
$\int \cot x dx$	$\ln \sin x + c$

