

Instrucciones: obtener la integral, simplifica y relaciona cada ejercicio con su resultado

$\int 8e^{2x+3} dx$	$\frac{3}{2} \frac{p^{4x^2-3}}{\ln p} + C$
$\int 12p^{4x^2-3} x dx$	$-4e^{-2x-3} + c$
$\int x \sqrt{25e^{6x^2+10}} dx$	$\frac{-3e^{\sin 2x+3}}{2} + c$
$\int \frac{6\pi dx}{p^{-3x+2}}$	$\frac{-(5m)^{4-2x}}{2 \ln 5m} + c$
$\int \frac{e^{\sqrt{4x+2}}}{\sqrt{4x+2}} dx$	$4e^{2x+3} + c$
$\int -3e^{\sin 2x+3} \cos 2x dx$	$\frac{6\pi p^{3x-2}}{3 \ln p} + c$
$\int \frac{2}{3} \sqrt[3]{8e^{12x^2+30}} x dx$	$\frac{1}{2} e^{7x^2+5} + c$
$\int (5m)^{4-2x} dx$	$\frac{5}{6} e^{3x^2+5} + c$
$\int \frac{8}{e^{2x+3}} dx$	$\frac{e^{\sqrt{4x+2}}}{2} + c$
$\int x \sqrt{49e^{14x^2+10}} dx$	$\frac{1}{24} e^{4x^2+10} + c$