$\int 4e^{3x}dx$

$\int \frac{3x}{x^2+4}dx$

$\frac{3}{2}ln(x^2+4)+c$

$\int 4e^{-3x}dx$

$\int \frac{12}{36+x^2}dx$

$-\frac{4}{3}e^{-3x}+c$

$\frac{4}{3}e^{3x-2}+c$

$\int 4e^{3x-2}dx$

$\int -sin3xdx$

$\int 2cos3xdx$

$\frac{1}{3}cos3x+c$

$\int xdx$

$\int sin3xdx$

$-\frac{1}{3}cos3x+c$

$\int \frac{1}{25+x^2}dx$

$\frac{1}{5}tan^{-1}\frac{x}{5}+c$

$\int \frac{1}{1+x^2}dx$

$\int \frac{3}{\sqrt{16-x^2}}dx$

$3sin^{-1}\frac{x}{4}+c$

$\int \frac{1}{\sqrt{9-x^2}}dx$

$sin^{-1}\frac{x}{3}+c$

$\int \frac{1}{\sqrt{1-x^2}}dx$

$\int 3x\sqrt{x}dx$

$\frac{6}{5}x^{\frac{5}{2}}+c$

$\frac{2}{3}sin3x+c$

$\int \frac{sinx}{cosx}dx$

$\int 2cos(x+\frac{\pi}{4})dx$

$\frac{2}{3}sin(3x+\frac{\pi}{4})+c$

$\frac{4}{3}e^{3x}+c$

$2tan^{-1}\frac{x}{6}+c$

$ln(secx)+c$

$\frac{1}{2}x^2+c$

$\int \frac{5}{e^{-x}}dx$

$5e^{x}+c$

$\int 80x(4x^2-7)^4dx$

$2(4x^2-7)^5+c$

$2sin(x^2+\pi)+c$

$\int 4xcos(x^2+\pi)dx$

$-6e^{5-x^2}+c$

$\int 12xe^{5-x^2}$

$\frac{x^2}{2}+\frac{2}{7}cos7x+c$

$\int (x-2sin7x)dx$

$\frac{1}{3}ln(x^3+5)+c$

$\int \frac{x^2}{x^3+5}dx$

$-5e^{-x}+c$

$-\frac{3}{5}e^{2-5x}+c$

$\frac{1}{3}ln(x^3-5)+c$

$\int \frac{x^2}{x^3-5}dx$

$\int \frac{5}{e^x}dx$

$(2-x^3)^5+c$

$\int -15x^2(2-x^3)^4dx$

$\int 4cos(3-2x)dx$

$-2sin(3-2x)+c$

$\int 3e^{2-5x}dx$

$3tan2x+c$

$\int 6sec^2 2xdx$

$\frac{1}{4}tan4x+c$

$\int sec^2 4xdx$