UDS

NOMBRE ALUMNO

Paula Naima Aguilar Morales

NOMBRE DEL DOCENTE

Sebastian Domingoez

GRADO: GRUPO:

6° BRH

MATERIA:

Matematicas Aplicada

Integrales

$$\int 9x^2 + 6x + 11 \, dx$$

$$\int \frac{9x^3}{3} + \frac{6x^2}{2} + 11x \, dx$$

$$\int 3x^3 + 3x^2 + 11x + C \, dx$$

$$\int 15x^4 - 12x^3 + 6x^2 + 4x \, dx$$

$$\int \frac{15x^5}{5} - \frac{12x^4}{4} + \frac{6x^3}{3} + \frac{4x^2}{2} + Cx \, dx$$

$$\int 3x^5 - 3x^4 + 2x^3 + 2x^2 + C \, dx$$

$$\int (x+5)^2 \, dx$$

$$\int x^2 + 10x + 25x + C \, dx$$

$$\int \frac{x^3}{3} + \frac{10^2}{2} + 25x + C \, dx$$

$$\int \frac{x^3}{3} + 5^2 + 25x + C \, dx$$

$$\int (2x+10)^3\,dx$$

$$\int 8x^3+120x^2+600x+1000\,dx$$

$$\int \frac{8x^4}{4}+\frac{120x^3}{3}+\frac{600x^2}{2}+1000x\,dx$$

$$\int 2x^4+60x^3+300x^2+1000x+C$$

$$\int 2x(x^2+2)^2\,dx$$

$$\int 2x(x^4+4x^2+4)$$

$$\int 2x^5+6x^3+8x\,dx$$

$$\int \frac{2x^6}{6}+\frac{6x^4}{4}+\frac{8x^2}{2}+C\,dx$$

$$\int \frac{x^6}{3}+\frac{3x^4}{4}+4x^2+C\,dx$$

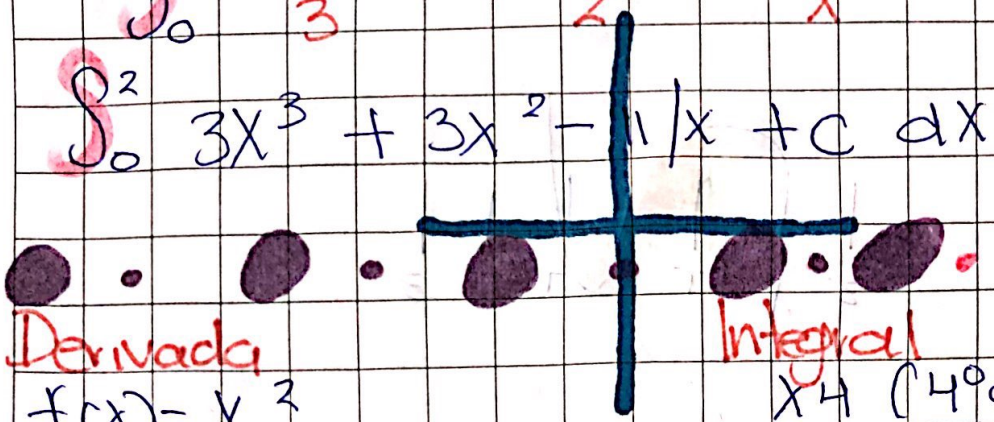
$$\int (x+5^2)\,dx$$

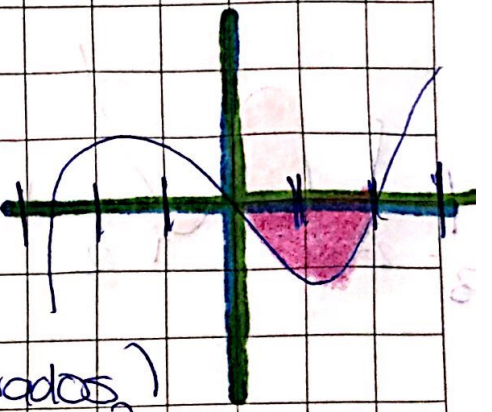
Integral Definida Grafica

$$\int_0^2 9x^2 + 6x - 11 \, dx$$

$$\int_0^2 \frac{9x^3}{3} + \frac{6x^2}{2} - \frac{11}{x} + C \, dx$$

$$\int_0^2 3x^3 + 3x^2 - 11/x + C \, dx$$





Derivada

$f(x) = x^3$

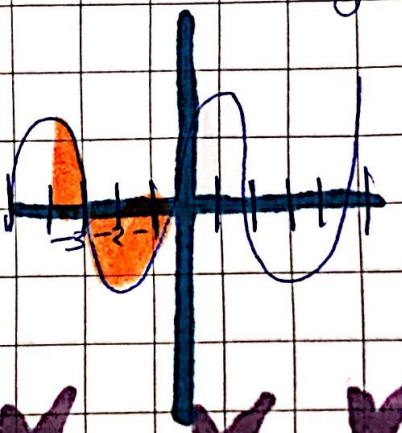
(2^o grado)

7^o grado

Integral

x^4 (4^o grados)

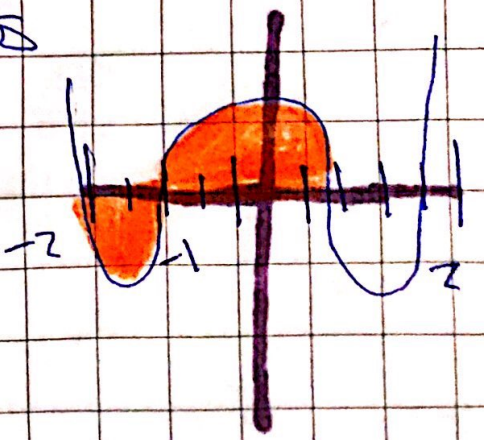
$5x$ (5^o grado)



3^{er} grado -7 40 grados

$$\int_0^{\infty} 2x(x+2)^2 \, dx$$

$$\int' (x+5)^2 \, dx$$



INTEGRAL DEFINIDA GRÁFICA

$5: \int_{-1}^{1} x(x+8)^2 \, dx$