



Mi Universidad

Nombre del Alumno: Carlos Andrés Mendoza Gómez

Nombre del profesor: Sebastián Domínguez

Parcial: Tercer parcial

Nombre de la Materia: Estadística

Cuatrimestre: Sexto Cuatrimestre

Nombre de la Licenciatura : Administración de los recursos humanos

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

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

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

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

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

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

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

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

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

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

$$\int (2x+70)^3 \, dx$$

$$\int 8x^3 + 120x^2 + 600x + 7000 \, dx$$

$$\int \frac{8x^4}{4} + \frac{120x^3}{3} + \frac{600x^2}{2} + 7000x + c \, dx$$

$$\int 2x^4 + 60x^3 + 300x^2 + 7000x + c \, dx$$

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

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

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

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

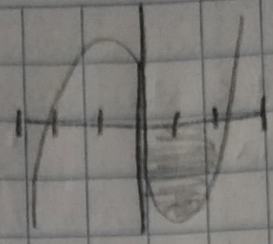
$$\int \frac{x^6}{3} + \frac{3x^4}{2} + 4x^2 + c \, dx$$

Integral definida grafica

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

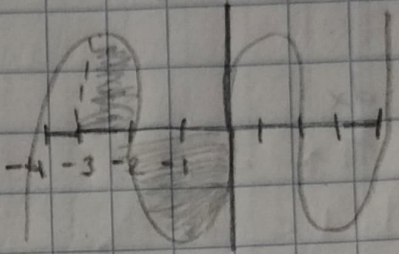
$$\int_0^2 \left(\frac{9x^3}{3} + \frac{6x^2}{2} - \frac{11}{x} + C \right) dx$$

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



$$\int_{-3}^4 (15x^4 - 12x^3 + 6x^2 + 4x) dx$$

4° grado → 5° grado



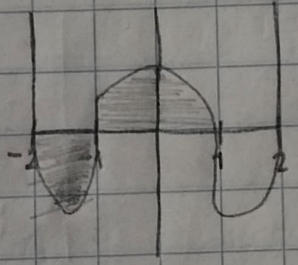
Derivada

$f(x) = x^2$ (2° grado) Integral x^4 (4° grado) x^5 (5° grado)

ter grado

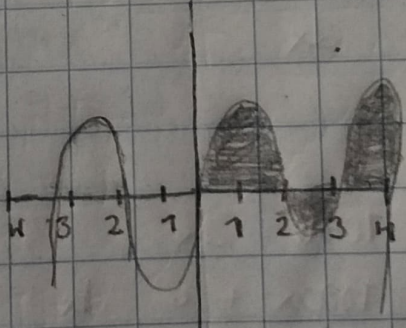
$$\int_{-2}^1 (2x + 10)^3 dx$$

3er grado → 4° grado



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

5° grado → 6° grado



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

2° grado → 3er grado

