Integrales

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

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

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

- $\int x^2 + 10x + 25\,dx$
- $\int \frac{x^3}{3} + \frac{10x^2}{2} + 25x + C\,dx$
- $\int \frac{x^3}{3} + 5x^2 + 25x + C\,dx$

[3] $\int 15x^4 - 12x^3 + 6x^2 + 4x$

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

Continuacion

4 $\int (2x + 10)^3 \, dx$

- $\int 8x^3 + 120x^2 + 600x + 1000 \, dx$
- $\int \frac{8x^4}{4} + \frac{120x^3}{3} + \frac{600x^2}{2} + 1000x \, dx$
- $\int 2x^4 + 60x^3 + 300x^2 + 1000x + C$

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

- $\int 2x^5 + 6x^2 + 8x \, dx$
- $\int \frac{2x^6}{6} + \frac{6x^4}{4} + \frac{8x^2}{2} + C \, dx$
- $\int \frac{x^6}{3} + \frac{3x^4}{2} + 4x^2 + C \, dx$

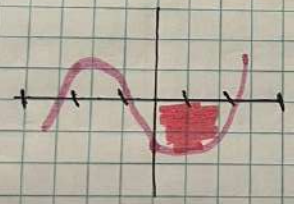
Graficas

1 Integral definida grafica

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

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

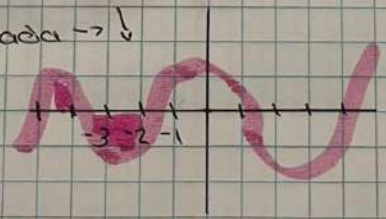
$$\int_0^2 3x^3 + 3x^2 - 11/x + c \, dx$$



2 $\int_3^{\infty} 15x^9 - 12x^3 + 6x^2 + 4x \, dx$

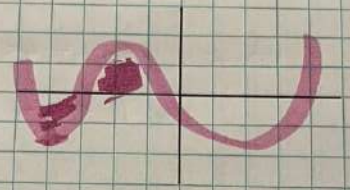
4° grados ⟶ 5° grado

Derivada → ↓ Integral ↑

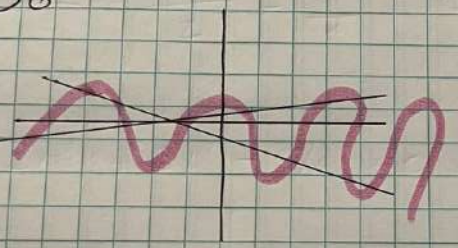


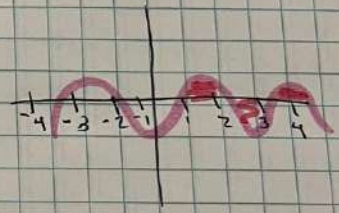
3 $\int_{-2}^{2} (2x+10)^3 \, dx$

3er grado ⟶ 4to grado



4 $\int_{0}^{\square} 2x\,(x^2+2)^2 \, dx$





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