

Fracciones parciales

1. $\int \frac{x^3}{(1-x)^3} dx$

2. $\int \frac{dx}{(x-1)^2 - 4}$

3. $\int \frac{1}{x^3 + x} dx$

4. $\int \frac{x^3 + x^2 + 4}{(x^2 + 1)(x^2 - 9)} dx$

5. $\int \frac{3x^3}{(x^2 + 1)^2} dx$

6. $\int \frac{2x^3 + x^2 + 4}{(x^2 - 4)^2} dx$

7. $\int \frac{x^3 - 1}{(x^2 - 16)^2} dx$

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

9. $\int \frac{1}{x^7 - x} dx$