

**GUÍA INTEGRALES
FRACCIONES PARCIALES**

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

2. $\int \frac{xdx}{(x+1)^2}$

3. $\int \frac{7x+6}{x^2-2x-3} dx$

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

5. $\int \frac{x^2+6}{(x-1)^2(x-2)} dx$

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

7. $\int \frac{x^2+2x+3}{x^3-x} dx$

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

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

10. $\int \frac{6x^2-3x+14}{x^3-2x^2+4x-8} dx$

11. $\int \frac{dx}{x^2-2x}$

12. $\int \frac{x^2-7x+2}{x^3-2x^2} dx$

13. $\int \frac{1-x}{x^3+x^2+x+1} dx$

14. $\int \frac{2x^3-11x^2+8x-6}{(x-2)^2(x^2+2)} dx$

15. $\int \frac{4x^4-2}{x^3-x^2-2x} dx$

16. $\int \frac{3x^3-7x^2+3x-5}{(x-1)^2(x^2+1)} dx$