

HOJA INTEGRALES RACIONALES:

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

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

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

4. $\int \frac{x+5}{x^2+x-2} dx$

5. $\int \frac{1}{x^2-16} dx$

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

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

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

9. $\int \frac{5x^2+6x+9}{(x+1)^2(x-3)^2} dx$

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

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

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

13. $\int \frac{-7}{(x-1)(x+8)} dx$

14. $\int \frac{x-5}{x^3-x^2-10x-8} dx$

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

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