

- 1  $\int \frac{x^2 dx}{(x+1)^2}$
- 2  $\int \frac{x^2 dx}{x+3}$
- 3  $\int \frac{dx}{x^2+x}$
- 4  $\int \frac{3x+1}{x^4+x^3} dx$
- 5  $\int \frac{x dx}{(x^2+1)^3}$
- 6  $\int \frac{x^2+4}{x+3} dx$
- 7  $\int \frac{(x^2+x+7) dx}{x^2}$
- 8  $\int \frac{x^2+4}{x+3} dx$
- 9  $\int \frac{x^2+1}{x^2+1} dx$  *fácil*
- 10  $\int \left( \frac{x+5}{x^2+9} \right) dx$
- 11  $\int \frac{x^3+4}{x^2+1} dx$
- 12  $\int \frac{dx}{9x^2+6x+1}$
- 13  $\int \frac{3x^4}{x^2+4} dx$
- 14  $\int \frac{2x^2+5x+1}{x^3+x^2+2x} dx$
- 15  $\int \frac{dx}{x^2+ax}$
- 16  $\int \frac{x^3}{1+x^2} dx$
- 17  $\int \frac{x+3}{x^2+5x+6} dx$
- 18  $\int \frac{x^2}{x^2+4x} dx$
- 19  $\int \frac{dx}{x^2+2x+3}$
- 20  $\int \frac{dx}{x^2+4x+12}$
- 21  $\int \frac{2x+1}{x^2(x+1)} dx$
- 22  $\int \frac{x^2+x+1}{(x+1)(x+5)(x+3)} dx$
- 23  $\int \frac{x^3+5x^2+4x+3}{x^2+5x+4} dx$
- 24  $\int \frac{1+e^x}{1+e^x} dx$
- 25  $\int \frac{dx}{(e^x+3)e^x}$
- 26 **Raíces imaginarias:**
- 27  $\int \frac{dx}{x^2+9}$
- 28  $\int \frac{x+1}{x^2+1} dx$
- 29  $\int \frac{(4x^3+3x) dx}{4x^2+4x+1}$
- 30  $\int \frac{x^4 dx}{x^2+1}$
- 31  $\int \frac{dx}{x^2+2x+2}$
- 32  $\int \frac{dx}{x^3+1}$
- 33  $\int \frac{dx}{x^2+8x+17}$
- 34  $\int \frac{x+5}{x^4+1} dx$
- 35  $\int \frac{3x+4}{(x+2)^2(x^2+1)} dx$
- 36  $\int \frac{x+4}{x^3+x^2+x+2} dx$
- 37  $\int \frac{3x+4}{x^2+x+1} dx$
- 38  $\int \frac{x+1}{(x+2)^2+3} dx$
- 39  $\int \frac{x+1}{x^2+x+1} dx$
- 40  $\int \frac{6x+8}{x^2+2x+5} dx$
- 41  $\int \frac{x^2+4x+6}{x^2+x+1} dx$
- 42  $\int \frac{x^3+x^2+4x+6}{x^2+x+1} dx$
- 43  $\int \frac{2x+1}{x^3+x^2+5x+3} dx$
- 44  $\int \frac{x^2+2x+4}{x^4+8x^3+22x^2+24x+9} dx$
- 45  $\int \frac{x+3}{x^3+3x^2+3x+1} dx$
- 46  $\int \frac{x^2+x+1}{x^4+6x^3+12x^2+8x} dx$
- 47  $\int \frac{dx}{x[\ln^3 x+2\ln^2 x+\ln x+2]}$
- 48  $\int \frac{e^x+1}{e^x+4+4e^{&x}} dx$
- 49  $\int \frac{e^x dx}{e^{2x}+e^x+1}$
- 50 **Hermite**  $\int \frac{dx}{(x^2+4)^2}$