



DNI:

INTEGRAL	SOLUCIÓ
1. $\int_0^{\pi/6} \frac{18 \cos x}{(1 + \sin x)^3} dx$	
2. $\int_e^{e^2} \frac{\ln x \cdot \ln(\ln x)}{x} dx$	
3. $\int_0^{\pi/2} (\sin(2x))^3 \cos x dx$	
4. $\int_1^2 (x - 5)^2 (x - 1)^7 dx$	
5. $\int_0^1 \sqrt[4]{x} \sqrt[3]{x} \sqrt{x} dx$	
6. $\int_{-1/2}^{1/2} \frac{dx}{1 - x^2}$	
7. $\int_0^{\ln(5)} \frac{e^x \sqrt{e^x - 1}}{e^x + 3} dx$	
8. $\int_{-1}^1 \frac{dx}{(1 + x^2)^2}$	



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9. $\int_0^1 \frac{x^3}{1+x^8} dx$	
10. $\int_{-2}^2  (x-2)x(x+2)  dx$	
11. $\int_1^2 \ln(x^2+1) dx$	
12. $\int_1^e \ln x dx$	
13. $\int_0^1 x(1-x)^{2024} dx$	
14. $\int_0^4 \frac{dx}{1+\sqrt{x}}$	
15. $\int_0^2 x^2 \sqrt{4-x^2} dx$	