



FUNÇÃO	INTEGRAL
1. $\int x^n dx$	1. $\frac{x^{n+1}}{n+1} + c, n \neq -1$
2. $\int \sin(x) dx$	2. $-\cos(x) + c$
3. $\int \cos(x) dx$	3. $\sin(x) + c$
4. $\int e^x dx$	4. $e^x + c$
5. $\int x^{-1} dx$	5. $\ln x + c$
6. $\int k dx$	6. $kx + c$
7. $\int \tan(x) dx$	7. $\ln \sec(x) + c$
8. $\int \cotg(x) dx$	8. $\ln \sin(x) + c$
9. $\int \sec(x) dx$	9. $\ln \sin(x) + \tan(x) + c$
10. $\int \operatorname{cosec}(x) dx$	10. $\ln \operatorname{cosec}(x) - \cotg(x) + c$
11. $\int \sec^2(x) dx$	11. $\tan(x) + c$
12. $\int \operatorname{cosec}^2(x) dx$	12. $-\cotg(x) + c$
13. $\int \sec(x) \tan(x) dx$	13. $\sec(x) + c$
14. $\int \operatorname{cosec}(x) \cotg(x) dx$	14. $-\operatorname{cosec}(x) + c$
15. $\int a^n dx$	15. $\frac{a^n}{\ln(a)} + c, a > 0, a \neq 1$
16. $\int \frac{1}{\sqrt{1-x^2}} dx$	16. $\arcsen(x) + c$
17. $\int -\frac{1}{\sqrt{1-x^2}} dx$	17. $\arccos(x) + c$
18. $\int \frac{1}{1+x^2} dx$	18. $\arctan(x) + c$