

INTEGRALES CAMBIO DE VARIABLE:

1. $\int x \cdot \sqrt{x-1} \, dx$ (Cambio: $t = \sqrt{x-1}$)
2. $\int \frac{e^{-x}}{1+e^{-x}} \, dx$ (Cambio: $t = e^{-x}$)
3. $\int \frac{\operatorname{sen} 3x}{\sqrt[3]{1+3\cos 3x}} \, dx$ (Cambio: $t = \sqrt[3]{1+3\cos 3x}$)
4. $\int x \cdot \sqrt{x+1} \, dx$ (Cambio: $t = \sqrt{x+1}$)
5. $\int \frac{1-\sqrt{x}}{\sqrt[3]{x}} \, dx$ (Cambio: $t = \sqrt[6]{x}$)
6. $\int \frac{e^x - 3e^{2x}}{1+e^x} \, dx$ (Cambio: $t = e^x$)
7. $\int \frac{dx}{(1+x) \cdot \sqrt{x}}$ (Cambio: $t = \sqrt{x}$)
8. $\int \frac{x}{1+\sqrt{x}} \, dx$ (Cambio: $t^2 = x$)
9. $\int \frac{x^2}{\sqrt[3]{1+2x}} \, dx$ (Cambio: $t^3 = 1+2x$)
10. $\int \frac{1}{\sqrt{x} + \sqrt[3]{x}} \, dx$ (Cambio: $x = t^6$)
11. $\int 3^{\sqrt{2x-1}} \, dx$ (Cambio: $t = \sqrt{2x-1}$)
12. $\int \frac{dx}{\sqrt[3]{9x-1}} \, dx$ (Cambio: $t = 9x-1$)
13. $\int \frac{x}{(3x^2-4)^4} \, dx$ (Cambio: $t = 3x^2-4$)
14. $\int \frac{\operatorname{sen} x}{\sqrt{\cos x}} \, dx$ (Cambio: $t = \cos x$)

INTEGRALES CÍCLICAS:

1. $\int e^{-2x} \cdot \cos(4x) \, dx$
2. $\int 3^{-5x+1} \cdot \operatorname{sen}(2x) \, dx$
3. $\int \cos(\ln(x)) \, dx$
4. $\int e^{3x} \cdot \cos(-x) \, dx$