

Integrals - All methods

1. $\int_e^{e^2} \frac{1}{x \ln(x)} dx$

2. $\int \tan x \sec^4 x dx$

3. $\int \sqrt{16 - x^2} dx$

4. $\int_{\sin \pi/2}^{\ln e} \cos(e^{x^2}) dx$

5. $\int e^{\sqrt{x}} dx$

6. $\int (\ln x)^2 dx$

7. $\int_{-\pi}^{\pi} x e^{\sin(x^2)} dx$

8. $\int \left[\int_3^x e^{2t} dt \right] dx$

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

10. $\int \ln(1 + x^2) dx$

11. $\int \sqrt[5]{3 - 5y} dy$

12. $\int \left[\frac{d}{dx} f(x) \right] dx$

13. $\int \frac{r^2}{r + 4} dr$