

Notes

Examples

Example 1. Compute $\int \ln x \, dx$.

Example 2. Compute $\int x^2 \cos(5x) \, dx$.

Example 3. Compute $\int \frac{9x^3}{\sqrt{6+x^2}} \, dx$.

Example 4. Compute $\int (t + 13)e^{20-t} dt$.

Example 5. Compute $\int (5z^2 + 3)e^{10z} dz$.