

1. Evaluate $\int_0^1 e^x \sin(e^x) dx$.

2. Evaluate $\int_{-37}^{37} \frac{\sin(x)}{x^2} dx$.

3. Evaluate $\int_1^3 \frac{x^2 + 2}{\sqrt{x^3 + 6x}} dx$.

4. Evaluate $\int_{-1}^2 \frac{x^3 + x}{x + 3} dx$.

5. Evaluate $\int_{-2}^{-1} x^2 e^{x^3 - 1} dx$.

6. Evaluate $\int_{\pi/2}^{\pi} \frac{\sin(x) + 1}{x - \cos(x)} dx$.

7. Evaluate $\int_0^{\pi} x \tan(x^2) \sec^2(x^2) dx$.

8. Evaluate $\int_{-1}^1 (x^2 - 3) \sqrt{x^3 - 9x + 11} dx$.

9. Evaluate $\int_{-1}^0 \frac{x}{x^2 - 2} dx$.

10. Evaluate $\int_0^1 e^{e^x} e^x dx$.