

Quiz 9 Practice

Evaluate the following integrals.

1. $\int (8x^5 - 6x^2 + e^x) dx$

2. $\int \left(\frac{4}{x^2} - \frac{10}{x} + 6 \right) dx$

3. $\int (x^3 - 8x^2 + 5x)^3 (3x^2 - 16x) dx$

4. $\int \sqrt{x^4 + 6x} (8x^3 + 12) dx$

5. $\int e^{x^2-2} \cdot 2x dx$