

Calculus Problem Test

smiilliin

2025-02-08

1. Solve

$$\int x^2 dx$$

① $\frac{x^3}{3} + C$

② $\frac{x^2}{2} + C$

③ $\frac{x^3}{2} + C$

④ $x^2 + C$

2. Solve

$$\int 4x^3 dx$$

① $x^4 + C$

② $\frac{1}{x} + C$

③ $x^2 + C$

④ $x^5 + C$

Answer Key

- 1. ① ① ③ ④ ⑤
- 6. ② ① ③ ③ ②
- 11. ② ⑤ ④ ② ③
- 16. ③ ④ ④ ① ②