1.	What	is	the	value	of	\int_0^1	x^2dx^2	?
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- (A) $\frac{1}{2}$
- (B) $\frac{1}{3}$
- (C) $\frac{1}{4}$
- (D) $\frac{1}{5}$

2. What is the value of $\int_0^1 x^3 dx$?

- (A) $\frac{1}{4}$
- (C) $\frac{1}{3}$
- (D) $\frac{1}{5}$

3. What is the value of $\int_0^1 x^4 dx$?

(A) $\frac{1}{5}$

(B) $\frac{1}{3}$

(C) $\frac{1}{3}$

(D) $\frac{1}{5}$

4. What is the value of $\int_0^1 x^5 dx$?

- (A) $\frac{1}{5}$
- (B) $\frac{1}{2}$
- (C) $\frac{1}{3}$
- (D) $\frac{1}{4}$

(E) $\frac{1}{6}$

Answers

- 1. (B)
 - 2. (A)
- 3. (A) (D)
- 4. (E)

Solutions

- 1. Solution is $\frac{1}{3}$
- 2. Solution is $\frac{1}{4}$
- 3. Solution is $\frac{1}{5}$
- 4. Solution is $\frac{1}{6}$