

1 $\int_{-\pi}^{\pi} \sin^{2025}(x) \cos^{2026}(x) dx$

2 $\int e^{2026e^x+x} dx$

3 $\int_0^{2026} \left\{ \frac{\lfloor x \rfloor}{3} \right\} dx$

4 $\int_{-1}^1 \underbrace{|x + |x + |\cdots + |x + |x||\cdots| |}_{2026 \text{ } x\text{'s}} dx$

5 $\int \frac{dx}{\sqrt{x+1} - \sqrt{x-1}}$

6 $\int \sqrt{1 + \cosh(x)} dx$

7 $\int \frac{2^{\log(x)}}{x^2} dx$

8 $\int_0^{1/2} \left(\sum_{n=2}^{\infty} x^n \right) dx$

9 $\int x^2 \sin(x) dx$

10 $\int \frac{(x-1)^2}{2e^x + x^2 + 1} dx$

$$\boxed{11} \quad \int_{-1}^1 \max \left(0, \sqrt{1-x^2}-\frac{1}{2}\right) dx$$

$$\boxed{12} \quad \int_0^1 \sqrt{x^2+x+\sqrt{x^2+x+\sqrt{\dots}}} dx$$

$$\boxed{13} \quad \int (\cos^5(x) - 10 \cos^3(x) \sin^2(x) + 5 \cos(x) \sin^4(x)) dx$$

$$\boxed{14} \quad \int \arctan(\sqrt{x}) dx$$

$$\boxed{15} \quad \int_0^{1000} (\lfloor \lceil x \rceil \rfloor + \lceil \lfloor x \rfloor \rceil + \lfloor \{x\} \rfloor + \{ \lfloor x \rfloor \} + \lceil \{x\} \rceil + \{ \lceil x \rceil \}) dx$$

$$\boxed{16} \quad \int \sqrt{\frac{\cos(x) \cot(x) \csc(x)}{\sin(x) \tan(x) \sec(x)}} dx$$

$$\boxed{17} \quad \int_{-\infty}^{\infty} \frac{e^{-x^2}}{1+e^{2x}} dx$$

$$\boxed{18} \quad \int \left(\frac{\sin^2(x)}{x^2} - \frac{\sin(2x)}{x} \right) dx$$

$$\boxed{19} \quad \int \frac{\log(\log(x)) \log(\log(\log(x)))}{x \log(x)} dx$$

$$\boxed{20} \quad \int_0^{\pi/2} \cos^2 \left(\frac{\pi}{2} \cos^2 \left(\frac{\pi}{2} \cos^2(x) \right) \right) dx$$