

$$01. \int_0^{2024} 2024 \, dx$$

$$02. \int_0^{2024} \underbrace{x + x + x + \dots + x}_{2024 \text{ vezes}} \, dx$$

$$03. \int (2024x^{2023} - 2023) \cdot \cos(x^{2024} - 2023x) \, dx$$

$$04. \int 2024 \ln x \, dx$$

$$05. \int (x^2 e^x + 2024) \, dx$$

$$06. \int (-x + 2x - 3x + 4x - 5x + \dots - 2023x + 2024x) \, dx$$

$$07. \int_0^{4048} \left[(x - 2024)^{2021} + (x - 2024)^{2022} + (x - 2024)^{2023} \right] \, dx$$

$$08. \int \frac{\text{sen}^2(\ln x)}{2024x} \, dx$$

$$09. \int \frac{x - 2021}{(x - 2022)(x - 2023)(x - 2024)} \, dx$$

$$10. \int_1^2 \left(\sum_{i=1}^{2024} \frac{1}{(x+i-1)(x+i)} \right) \, dx$$

