

## 数Ⅲ(定積分①・基本編)

⑥ 次の定積分を求めよ。

$$\textcircled{1} \int_1^3 x dx$$

$$\textcircled{2} \int_{-2}^1 3x^4 dx$$

$$\textcircled{3} \int_0^1 2^t dt$$

$$\textcircled{4} \int_2^2 \frac{\sin x}{x^3} dx$$

$$\textcircled{5} \int_0^{\frac{\pi}{4}} 6 \sin 2x dx$$

$$\textcircled{6} \int_0^{\pi} \sin^2 x dx$$