

"U" Substitution Practice

$$\textcircled{1} \int x^2 (2 - 3x^3)^4 dx$$

$$\textcircled{2} \int \frac{3x}{\sqrt[3]{3 - 7x^2}} dx$$

$$\textcircled{3} \int (x^2 + 1) (x^3 + 3x)^{10} dx$$

$$\textcircled{4} \int (3x - 1)^5 dx$$

$$\textcircled{5} \int \sin(3x) dx$$

$$\textcircled{6} \int \sec^2(5x) dx$$

$$\textcircled{7} \int x (2 - x^2)^3 dx$$

$$\textcircled{8} \int \frac{x^2}{\sqrt{x^3 + 1}} dx$$