

$$\textcircled{1} \int \frac{x^2 - 2x - 15}{x - 5} dx$$

$$\textcircled{2} \int \frac{x^2 + 8x + 15}{x + 3} dx$$

$$\textcircled{3} \int \frac{3x^2 - 4x + 5}{x - 1} dx$$

$$\textcircled{4} \int \frac{x^3 + 3x^2 + 4x + 5}{x + 1} dx$$

$$\textcircled{5} \int \frac{x^3 - 64}{x - 4} dx$$

$$\textcircled{6} \int \frac{2x^3 + 7x^2 + 8x + 7}{x + 2} dx$$

$$\textcircled{7} \int \frac{36 - x^2}{6 - x} dx$$

$$\textcircled{8} \int \frac{4x^2 - 1}{2x + 1} dx$$

$$\textcircled{9} \int \frac{x^2 - x + 1}{x - 2} dx$$

$$\textcircled{10} \int \frac{2x^4 - 3x^2 + 1}{x + 2} dx$$