

同類項をまとめよう

$$(1) \quad -5x^2 - 9x^3 - 3 - 8x + 4 + 7x^3$$

$$(2) \quad -8x^2 + 9x - x^2 - 5x - 6x^3 + 8$$

$$(3) \quad 6x^2 - 5x^3 - 9x^2 - 5x + 4x^2 - 1$$

$$(4) \quad 4 + 9x^2 + x^2 - 3x + 6 - 4$$

$$(5) \quad -7x^3 - 1 + 2x^2 + 3 - 5 + 2x$$

$$(6) \quad -x^2 + 7x^3 + 4x + 6x + 2x + 3x$$

$$(7) \quad 2x^2 + 9x^2 + 4x^3 + 9x^2 - 5 + 2x^2$$

$$(8) \quad 2x + 8 - 2x^2 + 2x^2 + x + 3$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -5x^2 - 9x^3 - 3 - 8x + 4 + 7x^3 \\ & = -2x^3 - 13x + 1\end{aligned}$$

$$\begin{aligned}(2) \quad & -8x^2 + 9x - x^2 - 5x - 6x^3 + 8 \\ & = -6x^3 - 9x^2 + 4x + 8\end{aligned}$$

$$\begin{aligned}(3) \quad & 6x^2 - 5x^3 - 9x^2 - 5x + 4x^2 - 1 \\ & = -5x^3 + x^2 - 5x - 1\end{aligned}$$

$$\begin{aligned}(4) \quad & 4 + 9x^2 + x^2 - 3x + 6 - 4 \\ & = 10x^2 - 3x + 6\end{aligned}$$

$$\begin{aligned}(5) \quad & -7x^3 - 1 + 2x^2 + 3 - 5 + 2x \\ & = -7x^3 + 2x^2 + 2x - 3\end{aligned}$$

$$\begin{aligned}(6) \quad & -x^2 + 7x^3 + 4x + 6x + 2x + 3x \\ & = 7x^3 - x^2 + 15x\end{aligned}$$

$$\begin{aligned}(7) \quad & 2x^2 + 9x^2 + 4x^3 + 9x^2 - 5 + 2x^2 \\ & = 4x^3 + 22x^2 - 5\end{aligned}$$

$$\begin{aligned}(8) \quad & 2x + 8 - 2x^2 + 2x^2 + x + 3 \\ & = 3x^2 + 11\end{aligned}$$