

同類項をまとめよう

$$(1) \quad -4x^2 - 9x^2 - 6x - 2x^2 + 7x^3 + 1$$

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

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

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

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

$$(6) \quad 8x^2 + 3x + 2x^3 - 8x^3 + 4 + 6$$

$$(7) \quad 9x^3 - 6x^2 + 4 - 2x^3 + 3x + 8x^2$$

$$(8) \quad -5x^3 + 6x^3 + 8x^3 - 7 + 7x^3 - 6$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -4x^2 - 9x^2 - 6x - 2x^2 + 7x^3 + 1 \\ & = 7x^3 - 15x^2 - 6x + 1\end{aligned}$$

$$\begin{aligned}(2) \quad & 5 - 1 - 7x + 3x^3 - 2x + 9x^3 \\ & = 12x^3 - 9x + 4\end{aligned}$$

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

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

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

$$\begin{aligned}(6) \quad & 8x^2 + 3x + 2x^3 - 8x^3 + 4 + 6 \\ & = -6x^3 + 8x^2 + 3x + 10\end{aligned}$$

$$\begin{aligned}(7) \quad & 9x^3 - 6x^2 + 4 - 2x^3 + 3x + 8x^2 \\ & = 7x^3 + 2x^2 + 3x + 4\end{aligned}$$

$$\begin{aligned}(8) \quad & -5x^3 + 6x^3 + 8x^3 - 7 + 7x^3 - 6 \\ & = 16x^3 - 13\end{aligned}$$