

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -x - 9x^3 + 4x^2 - 9x^3 - 6x^3 - 4x^3 \\ & = -28x^3 + 4x^2 - x\end{aligned}$$

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

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

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

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

$$\begin{aligned}(6) \quad & 4x^2 - 2 - 4x^3 + 9 - 6x^3 - x^2 \\ & = -10x^3 + 3x^2 + 7\end{aligned}$$

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

$$\begin{aligned}(8) \quad & 8x^2 + 3x^3 - 2x - 9x - 2 - 3x^3 \\ & = 8x^2 - 11x - 2\end{aligned}$$