

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & -7x - 4x^2 - 2x^2 + 6x^3 + 2x - 7 \\ & = 6x^3 - 6x^2 - 5x - 7\end{aligned}$$

$$\begin{aligned}(4) \quad & 4x + 6 - 6x^3 + 3x + 7x - x^2 \\ & = -6x^3 - x^2 + 14x + 6\end{aligned}$$

$$\begin{aligned}(5) \quad & -7x^3 - 7x - 5x^3 - x - 7x^2 + 5x^2 \\ & = -12x^3 - 2x^2 - 8x\end{aligned}$$

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

$$\begin{aligned}(7) \quad & -2x + 7 + 4x^2 - 2x^3 + 8 - 6x \\ & = -2x^3 + 4x^2 - 8x + 15\end{aligned}$$

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