

同類項をまとめよう

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

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

$$(3) \quad 2x^3 + 7x^3 + 6x^2 + 1 - 8x^3 + 9x^2$$

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

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

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

$$(7) \quad -8x^3 + 4x^2 + 5x + 7x^3 - 7 - 6x^3$$

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

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & 2x^3 + 7x^3 + 6x^2 + 1 - 8x^3 + 9x^2 \\ & = x^3 + 15x^2 + 1\end{aligned}$$

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

$$\begin{aligned}(5) \quad & 9 - 5x - 2x^3 - 3 - 3x^3 + 8 \\ & = -5x^3 - 5x + 14\end{aligned}$$

$$\begin{aligned}(6) \quad & 3x - 6x^2 - 2x - 9x^2 + 5x - 4 \\ & = -15x^2 + 6x - 4\end{aligned}$$

$$\begin{aligned}(7) \quad & -8x^3 + 4x^2 + 5x + 7x^3 - 7 - 6x^3 \\ & = -7x^3 + 4x^2 + 5x - 7\end{aligned}$$

$$\begin{aligned}(8) \quad & -8x^2 - 8x^3 - 7 + 4x^3 + x - 4x^2 \\ & = -4x^3 - 12x^2 + x - 7\end{aligned}$$