

同類項をまとめよう

$$(1) \quad -8 + x - 5x^3 + 3x^3 + 8 + 6x$$

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -8 + x - 5x^3 + 3x^3 + 8 + 6x \\ & = -2x^3 + 7x\end{aligned}$$

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

$$\begin{aligned}(3) \quad & 2x^2 + 7 - 9x^2 + 4x^3 + 9 - x^2 \\ & = 4x^3 - 8x^2 + 16\end{aligned}$$

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

$$\begin{aligned}(5) \quad & 8x^3 - 9x^3 + x^2 + 8x^2 + 8x^2 + 8x^3 \\ & = 7x^3 + 17x^2\end{aligned}$$

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

$$\begin{aligned}(7) \quad & -9x + 9x^2 + 4 - 8x - x - 7 \\ & = 9x^2 - 18x - 3\end{aligned}$$

$$\begin{aligned}(8) \quad & -9x^3 - 7x^3 + 4x^3 + 7 + 6 - 8 \\ & = -12x^3 + 5\end{aligned}$$