

同類項をまとめよう

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

$$(2) \quad -6x^2 - 5 + 1 - 4 - 7x + 5x^2$$

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -3x^2 + 7x^2 + 2 + 6x + 9 - 6x \\ & = 4x^2 + 11\end{aligned}$$

$$\begin{aligned}(2) \quad & -6x^2 - 5 + 1 - 4 - 7x + 5x^2 \\ & = -x^2 - 7x - 8\end{aligned}$$

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

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

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

$$\begin{aligned}(6) \quad & -3x^2 - 9x^2 - 9x^3 - 4x^3 - 2x^2 + 3x^2 \\ & = -13x^3 - 11x^2\end{aligned}$$

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

$$\begin{aligned}(8) \quad & x + 7 + 9x^3 + 8x + 9x^3 - 8 \\ & = 18x^3 + 9x - 1\end{aligned}$$