

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & -9x^2 - 7x^3 + 2x^2 - x^2 - 7x^2 + 3x^2 \\ &= -7x^3 - 12x^2\end{aligned}$$

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

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

$$\begin{aligned}(6) \quad & -1 - 6x + 6x^2 + 4x - x^2 - 6x \\ &= 5x^3 - 8x - 1\end{aligned}$$

$$\begin{aligned}(7) \quad & 8x^3 + 8x + 3x + 3x + 9x^3 - 6 \\ &= 17x^3 + 14x - 6\end{aligned}$$

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