

同類項をまとめよう

$$(1) \quad -7x^2 - 4 - 7 + 3x^3 - 9x^2 + 4x$$

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

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

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

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

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

$$(7) \quad x^3 + 8 - 9x^2 - 4x^3 + 5x^3 - 8x^3$$

$$(8) \quad 8x^2 - 4x + 6x^2 - 3 + 3 - 9x^2$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -7x^2 - 4 - 7 + 3x^3 - 9x^2 + 4x \\ &= 3x^3 - 16x^2 + 4x - 11\end{aligned}$$

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

$$\begin{aligned}(3) \quad & 3 - 7x^2 + 9x^3 + 2x^3 - x^3 + 9 \\ &= 10x^3 - 7x^2 + 12\end{aligned}$$

$$\begin{aligned}(4) \quad & 7 - 6x^3 - 7 + 9x + 7x - x \\ &= -6x^3 + 15x\end{aligned}$$

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

$$\begin{aligned}(6) \quad & 7x^2 + 4x^3 + 2x - 6x + 5x^2 + 7x^3 \\ &= 11x^3 + 12x^2 - 4x\end{aligned}$$

$$\begin{aligned}(7) \quad & x^3 + 8 - 9x^2 - 4x^3 + 5x^3 - 8x^3 \\ &= -6x^3 - 9x^2 + 8\end{aligned}$$

$$\begin{aligned}(8) \quad & 8x^2 - 4x + 6x^2 - 3 + 3 - 9x^2 \\ &= 5x^2 - 4x\end{aligned}$$