

同類項をまとめよう

$$(1) \quad -5x^2 + 5x^2 - 4x^3 - 6x^2 - 3 - 2x^2$$

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

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

$$(4) \quad 8 - 5x^3 - 5x^3 + 1 + 2 + 3x$$

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

$$(6) \quad 4x^2 + 6 - 6 + 6x^2 - 1 - 7x^3$$

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

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

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & 7x^2 - 2x^3 + 9x^3 + 7x^2 - 9 + 8x^3 \\ &= 15x^3 + 14x^2 - 9\end{aligned}$$

$$\begin{aligned}(4) \quad & 8 - 5x^3 - 5x^3 + 1 + 2 + 3x \\ &= -10x^3 + 3x + 11\end{aligned}$$

$$\begin{aligned}(5) \quad & -4x^2 + x^2 + 5x^3 + 4x^2 + 6 + 8x^3 \\ &= 13x^3 + x^2 + 6\end{aligned}$$

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

$$\begin{aligned}(7) \quad & 2x^2 + 7 + 4 - 4x^3 + 6x^2 + 6 \\ &= -4x^3 + 8x^2 + 17\end{aligned}$$

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