

同類項をまとめよう

$$(1) \quad 7 + 4x^3 - 2x^3 - 3 - 5x - 8$$

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

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

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

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

$$(6) \quad -9x^2 - 8x - 7x^3 + 2x + 4x^2 - 4x^3$$

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

$$(8) \quad 2x^2 - 3x^2 + 8x^3 + 6x + 9x^3 + 5x$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 7 + 4x^3 - 2x^3 - 3 - 5x - 8 \\ &= 2x^3 - 5x - 4\end{aligned}$$

$$\begin{aligned}(2) \quad & -3 - 8 - 4x^2 - 5x^2 - 1 + 8 \\ &= -9x^2 - 4\end{aligned}$$

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

$$\begin{aligned}(4) \quad & 2 + 2 + 9 + 8x^3 - 6x^2 + 8 \\ &= 8x^3 - 6x^2 + 21\end{aligned}$$

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

$$\begin{aligned}(6) \quad & -9x^2 - 8x - 7x^3 + 2x + 4x^2 - 4x^3 \\ &= -11x^3 - 5x^2 - 6x\end{aligned}$$

$$\begin{aligned}(7) \quad & -9 + 3x^3 - 7 - x^2 + 5 - 8x^2 \\ &= 3x^3 - 9x^2 - 11\end{aligned}$$

$$\begin{aligned}(8) \quad & 2x^2 - 3x^2 + 8x^3 + 6x + 9x^3 + 5x \\ &= 17x^3 - x^2 + 11x\end{aligned}$$