

同類項をまとめよう

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

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

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

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

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

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

$$(7) \quad -6 + 8x^2 + 9x^2 - 8x^3 + 2x^3 + 5$$

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

同類項をまとめよう(解答)

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

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

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

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

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

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

$$\begin{aligned}(7) \quad & -6 + 8x^2 + 9x^2 - 8x^3 + 2x^3 + 5 \\ &= -6x^3 + 17x^2 - 1\end{aligned}$$

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