

同類項をまとめよう

$$(1) \quad -6x^2 - 7x + 5 - 9 + 2x^3 + 6$$

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

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

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

$$(5) \quad 1 - 9 + 8x^3 + 4 - 8 - x^3$$

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

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

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & 8x^3 + 3x^2 + 4x + 3x^3 + 4x^2 - 6 \\ &= 3x^3 + 7x^2 + 12x - 6\end{aligned}$$

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

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

$$\begin{aligned}(5) \quad & 1 - 9 + 8x^3 + 4 - 8 - x^3 \\ &= 7x^3 - 12\end{aligned}$$

$$\begin{aligned}(6) \quad & -3 - x^3 + 9x^2 + x^2 + 8x - 9x^3 \\ &= -10x^3 + 10x^2 + 8x - 3\end{aligned}$$

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

$$\begin{aligned}(8) \quad & -9x^3 - 7x + 4x^2 - 9 + 7x^3 - 8x^3 \\ &= -10x^3 + 4x^2 - 7x - 9\end{aligned}$$