

同類項をまとめよう

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

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

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

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

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

$$(6) \quad -8x^2 - 7x - 7x^2 + 9x^2 + 5 + 4$$

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -6x^2 - 2x^3 + 9x - 3 + 2x + 3x \\ &= -2x^3 - 6x^2 + 14x - 3\end{aligned}$$

$$\begin{aligned}(2) \quad & 6x^2 + 4x^3 + 5x^3 + x^3 + 8x^3 - 4 \\ &= 18x^3 + 6x^2 - 4\end{aligned}$$

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

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

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

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

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

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