

同類項をまとめよう

$$(1) \quad 2x^2 + 3 + 8x + 4x^2 + 9 - 4x$$

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 2x^2 + 3 + 8x + 4x^2 + 9 - 4x \\ &= 6x^2 + 4x + 12\end{aligned}$$

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

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

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

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

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

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

$$\begin{aligned}(8) \quad & -3x^2 - 3x^2 - 8 - 6 - 9x^2 + 8 \\ &= -15x^2 - 6\end{aligned}$$