

同類項をまとめよう

$$(1) \quad -6 - 3x - 9x + 4x^3 - 4x^2 + 2$$

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

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

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

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

$$(6) \quad -9x^2 - x^2 + 1 - 5x^2 + 4x^3 - 6x^2$$

$$(7) \quad -4x^2 + 2x^3 + 9x^2 - 5x^3 + 8x^2 - 9x^2$$

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

同類項をまとめよう(解答)

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

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

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

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

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

$$\begin{aligned}(6) \quad & -9x^2 - x^2 + 1 - 5x^2 + 4x^3 - 6x^2 \\ &= 4x^3 - 21x^2 + 1\end{aligned}$$

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

$$\begin{aligned}(8) \quad & 5x^3 - x - 5 - 5x^2 + 3x^3 + 7x^3 \\ &= 15x^3 - 5x^2 - x - 5\end{aligned}$$