

同類項をまとめよう

$$(1) \quad x + 8 + 2 + 5x - 2 - 7x^2$$

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

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

$$(4) \quad -2x^2 - 8x^3 + 1 - 4x^2 + 9x - 6$$

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

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

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

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & -5x + 4x^2 - 4x^2 + 9 + 7 + x^2 \\ &= x^3 - 5x + 16\end{aligned}$$

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

$$\begin{aligned}(4) \quad & -2x^2 - 8x^3 + 1 - 4x^2 + 9x - 6 \\ &= -8x^3 - 6x^2 + 9x - 5\end{aligned}$$

$$\begin{aligned}(5) \quad & -5x^2 + 3x^3 - 6x^2 + 5x + 9 + 2 \\ &= 3x^3 - 11x^2 + 5x + 11\end{aligned}$$

$$\begin{aligned}(6) \quad & 1 - 3 - 7x + x^3 + 1 - 3 \\ &= x^3 - 7x - 4\end{aligned}$$

$$\begin{aligned}(7) \quad & -9x - 8x^3 + 5x^2 + 4 - 5x - x^3 \\ &= -9x^3 + 5x^2 - 14x + 4\end{aligned}$$

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