

同類項をまとめよう

$$(1) \quad 5x - 5x^2 + x^3 - 4x^2 - 7x^3 - 6x^3$$

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

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

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

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

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

$$(7) \quad 3 + 8x^2 - 6x + 5x^3 + 7x^2 - x^2$$

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 5x - 5x^2 + x^3 - 4x^2 - 7x^3 - 6x^3 \\ &= -12x^3 - 9x^2 + 5x\end{aligned}$$

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

$$\begin{aligned}(3) \quad & -9x^2 - 9x^2 + 2x^3 - 2x^3 + 7x + 8x \\ &= -18x^2 + 15x\end{aligned}$$

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

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

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

$$\begin{aligned}(7) \quad & 3 + 8x^2 - 6x + 5x^3 + 7x^2 - x^2 \\ &= 5x^3 + 14x^2 - 6x + 3\end{aligned}$$

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