

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & -8 + 5x^3 + x^3 + 2x^2 - 7 - 9 \\ &= 6x^3 + 2x^2 - 24\end{aligned}$$

$$\begin{aligned}(4) \quad & 5x^3 + 7x^2 + 9x^2 - 7 + x^2 + 9x \\ &= 8x^3 + 23x^2 - 7\end{aligned}$$

$$\begin{aligned}(5) \quad & 4 + 7x^3 + x^2 + x + 7x^2 + 5 \\ &= x^3 + 15x^2 + 9\end{aligned}$$

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

$$\begin{aligned}(7) \quad & 8x^2 - 8x^2 + 3x^3 + 8x^2 + 8x^3 + 4x^2 \\ &= 8x^3 + 4x^2 + 11x\end{aligned}$$

$$\begin{aligned}(8) \quad & -9x^3 - 5x^2 - 7x^2 + 4x^3 - 5x^3 + 8x \\ &= -x^3 - 7x^2 - 6x\end{aligned}$$