

同類項をまとめよう

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

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

$$(3) \quad -9x^2 + 1 - 3x^3 + 5x^3 - 2 - 8x^3$$

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

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

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

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

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & x^2 + 2x^3 - 6x - x^3 + 6x^3 - 9x \\ &= 7x^3 + x^2 - 15x\end{aligned}$$

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

$$\begin{aligned}(4) \quad & 5 + 4 + 7x^3 - x^3 + 9 + 7x^3 \\ &= 13x^3 + 18\end{aligned}$$

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

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

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

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