

同類項をまとめよう

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

$$(2) \quad -1 - 5 + 6x^3 - 7x^2 + 7x^2 - 9x^2$$

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & x^3 + 3x^3 - 3x - 6x^2 - 7x^2 + 7 \\ &= 4x^3 - 13x^2 - 3x + 7\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & -x^2 + 8x^3 + 6x^2 + 3x^2 + x + 2x^3 \\ &= 10x^3 + 8x^2 + x\end{aligned}$$

$$\begin{aligned}(5) \quad & -9x^2 - 2x + 3x + 2x - 2x - 4x^2 \\ &= -13x^2 + x\end{aligned}$$

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

$$\begin{aligned}(7) \quad & 9x + x^2 - 9x - x - 2x^3 - 9x^3 \\ &= -11x^3 + x^2 - x\end{aligned}$$

$$\begin{aligned}(8) \quad & -4x^3 - 7x - 3x^3 + x + x^3 - 7x \\ &= -6x^3 - 13x\end{aligned}$$