

同類項をまとめよう

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

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

$$(3) \quad -8x - 5x + 5 + 1 - 3 + 4$$

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

$$(5) \quad 4x^2 - 6x^3 - 6x^3 - 8x - 4x^2 + 7x^2$$

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 8x^3 + 9 - 8x + 9 - 4x^3 + 9x^2 \\ &= 4x^3 + 9x^2 - 8x + 18\end{aligned}$$

$$\begin{aligned}(2) \quad & -x^3 + 6x^2 - 6 + 7x^2 - 9x^3 + 9x^3 \\ &= -x^3 + 13x^2 - 6\end{aligned}$$

$$\begin{aligned}(3) \quad & -8x - 5x + 5 + 1 - 3 + 4 \\ &= -13x + 7\end{aligned}$$

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

$$\begin{aligned}(5) \quad & 4x^2 - 6x^3 - 6x^3 - 8x - 4x^2 + 7x^2 \\ &= -12x^3 + 7x^2 - 8x\end{aligned}$$

$$\begin{aligned}(6) \quad & 9 + 4 - x^2 + 9x - 8x + 8x \\ &= -x^2 + 9x + 13\end{aligned}$$

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

$$\begin{aligned}(8) \quad & -9 + 9 + 4x^3 + 6x + 9x + 8x^3 \\ &= 12x^3 + 15x\end{aligned}$$