

同類項をまとめよう

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

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

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

$$(4) \quad -5x^2 + 8x^3 - 9x^3 + 7x^3 - 7x^3 - 6$$

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 7x^3 + 2x^3 + x^3 + 7x^2 - 6x^3 + 2x^3 \\ &= -4x^3 + 7x^2 + 10x^3\end{aligned}$$

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

$$\begin{aligned}(3) \quad & 7 + 8x^3 + 7x^3 + 6x^3 + 8 - 9x^2 \\ &= 21x^3 - 9x^2 + 15\end{aligned}$$

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

$$\begin{aligned}(5) \quad & -9x^3 - 9x^3 + 6 - x^3 + 5x^3 - 2x^3 \\ &= -x^3 - 15x^3 + 6\end{aligned}$$

$$\begin{aligned}(6) \quad & -2x^2 - 7x^3 + 3x^3 - 6x^3 - 3x^2 + 7 \\ &= -13x^3 - 5x^2 + 3x^3 + 7\end{aligned}$$

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

$$\begin{aligned}(8) \quad & 9x^3 + 6x^3 + x^2 - 9x^2 - 8x^2 - 8 \\ &= 9x^3 - 16x^2 + 6x^3 - 8\end{aligned}$$