

同類項をまとめよう

$$(1) \quad -7x^2 + 8 + 7 - 7x^2 + 2x^3 - 4x$$

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

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

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

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

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

$$(7) \quad -x^2 - 6x^3 - 3 + 1 + 8 - 6x^2$$

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -7x^2 + 8 + 7 - 7x^2 + 2x^3 - 4x \\ & = 2x^3 - 14x^2 - 4x + 15\end{aligned}$$

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

$$\begin{aligned}(3) \quad & 2x^3 + x^3 - 6x - 7x^2 + 9x^2 + 7x^3 \\ & = 10x^3 + 2x^2 - 6x\end{aligned}$$

$$\begin{aligned}(4) \quad & 9x^3 + 4x^3 + 6x^3 + 8x^3 + 3x - 8x^3 \\ & = 19x^3 + 3x\end{aligned}$$

$$\begin{aligned}(5) \quad & x^2 + 2x - 3x + 7 - 9x - 3x^2 \\ & = -2x^2 - 10x + 7\end{aligned}$$

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

$$\begin{aligned}(7) \quad & -x^2 - 6x^3 - 3 + 1 + 8 - 6x^2 \\ & = -6x^3 - 7x^2 + 6\end{aligned}$$

$$\begin{aligned}(8) \quad & 5x^3 - 6x^2 + 7x^3 - 6 - 4x + 7 \\ & = 12x^3 - 6x^2 - 4x + 1\end{aligned}$$