

同類項をまとめよう

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

$$(2) \quad -5x^2 + 4x^2 - 8x^3 - 5x - 1 - 8x$$

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

$$(4) \quad 4 - 4x + 9x + 5x^2 + 1 + 8$$

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & x^3 + 3x^3 + 7x^3 + 8x + 7x + 8x \\ &= 11x^3 + 23x\end{aligned}$$

$$\begin{aligned}(2) \quad & -5x^2 + 4x^2 - 8x^3 - 5x - 1 - 8x \\ &= -8x^3 - x^2 - 13x - 1\end{aligned}$$

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

$$\begin{aligned}(4) \quad & 4 - 4x + 9x + 5x^2 + 1 + 8 \\ &= 5x^3 + 5x^2 + 13\end{aligned}$$

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

$$\begin{aligned}(6) \quad & 3 - 8 - 9 + 4 + 4x^3 + 6x \\ &= 4x^3 + 6x - 10\end{aligned}$$

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

$$\begin{aligned}(8) \quad & 8x^2 - 9x^2 - 6 - 6 - 2 + 9x^2 \\ &= 8x^3 - 14\end{aligned}$$