

同類項をまとめよう

$$(1) \quad 3x^2 + x^3 + 5x^3 - 3x^3 - 9x^3 + 4$$

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

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

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

$$(5) \quad -9x + 4x^3 + x^2 - 1 - x^3 + 3x^3$$

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 3x^2 + x^3 + 5x^3 - 3x^3 - 9x^3 + 4 \\ &= -6x^3 + 3x^2 + 4\end{aligned}$$

$$\begin{aligned}(2) \quad & -9x^2 + 2 + 7x^3 + 3x^2 - 8x - 8x \\ &= 7x^3 - 6x^2 - 16x + 2\end{aligned}$$

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

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

$$\begin{aligned}(5) \quad & -9x + 4x^3 + x^2 - 1 - x^3 + 3x^3 \\ &= 6x^3 + x^2 - 9x - 1\end{aligned}$$

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

$$\begin{aligned}(7) \quad & x + 6 + 9x - x^2 + 2x^2 - 8x^3 \\ &= -8x^3 + x^2 + 10x + 6\end{aligned}$$

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