

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 6x^2 + 8x^2 - 3 - 2x^2 - 8x^3 + 3x^2 \\ &= -8x^3 + x^2 + 14x^2 - 3\end{aligned}$$

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

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

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

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

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

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

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