

同類項をまとめよう

$$(1) \quad x + 9x^2 + 8x^3 + 6x - 2x^3 - 7x$$

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

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

$$(4) \quad 7x^3 + 1 + 5x^2 + 3x^2 - 8x^2 + 9x$$

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & x + 9x^2 + 8x^3 + 6x - 2x^3 - 7x \\ &= 6x^3 + 9x^2\end{aligned}$$

$$\begin{aligned}(2) \quad & -9 + x^3 - 2 - 3x^3 - 8x - 6x^3 \\ &= -8x^3 - 8x - 11\end{aligned}$$

$$\begin{aligned}(3) \quad & -3 - 4x - 3 - 6x - 9x^3 - 2x^2 \\ &= -9x^3 - 2x^2 - 10x - 6\end{aligned}$$

$$\begin{aligned}(4) \quad & 7x^3 + 1 + 5x^2 + 3x^2 - 8x^2 + 9x \\ &= 7x^3 + 9x + 1\end{aligned}$$

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

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

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

$$\begin{aligned}(8) \quad & x^2 - 4 + 8x^2 - 2x + x^3 - 9x \\ &= x^3 + 9x^2 - 11x - 4\end{aligned}$$