

同類項をまとめよう

$$(1) \quad 4x^2 - 2x^2 + 9x^2 - 6x^2 - 3 + 3x$$

$$(2) \quad 6x - 9x^3 - 5x^2 + 4x + 2x^2 - 2x^3$$

$$(3) \quad 9x^2 + x^3 + 6x^2 + 8x^2 + 5x^3 - 3x^2$$

$$(4) \quad -4x - 3x^2 + 6 - 1 + 5 - 7x$$

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

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

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

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & 6x^3 - 9x^3 - 5x^2 + 4x^2 + 2x^2 - 2x^3 \\ &= -11x^3 - 3x^2 + 10x\end{aligned}$$

$$\begin{aligned}(3) \quad & 9x^2 + x^3 + 6x^2 + 8x^2 + 5x^3 - 3x^2 \\ &= 6x^3 + 20x^2\end{aligned}$$

$$\begin{aligned}(4) \quad & -4x^2 - 3x^2 + 6 - 1 + 5 - 7x \\ &= -3x^2 - 11x + 10\end{aligned}$$

$$\begin{aligned}(5) \quad & -9x^3 + 1 + 7x^2 - 2 - 9 + 4x^3 \\ &= -5x^3 + 7x^2 - 10\end{aligned}$$

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

$$\begin{aligned}(7) \quad & -9x^3 - 6x^3 + 1 - 9 - 9 + 3x \\ &= -6x^3 - 6x - 17\end{aligned}$$

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