

同類項をまとめよう

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

$$(2) \quad -1 + 8x^3 + 3 + 8x + 6x^2 + 4$$

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

$$(4) \quad -5x^2 + 6x^3 - 5x^3 + 4x + 4x + 8x^2$$

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

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

$$(7) \quad 5x - 2 - 7x^3 + 6x^2 + 1 + 9x$$

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & -1 + 8x^3 + 3 + 8x + 6x^2 + 4 \\ &= 8x^3 + 6x^2 + 8x + 6\end{aligned}$$

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

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

$$\begin{aligned}(5) \quad & x^2 - 9x^2 - 3 - 9x - 6x^3 - 6x \\ &= -6x^3 - 8x^2 - 15x - 3\end{aligned}$$

$$\begin{aligned}(6) \quad & -8x^3 + 4x^3 - 8x^3 + 8x^2 + 9x^2 + 3 \\ &= -12x^3 + 17x^2 + 3\end{aligned}$$

$$\begin{aligned}(7) \quad & 5x - 2 - 7x^3 + 6x^2 + 1 + 9x \\ &= -7x^3 + 6x^2 + 14x - 1\end{aligned}$$

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