

同類項をまとめよう

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

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

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

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

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

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

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

$$(8) \quad -7x + 6x - 6x^2 + 2x - 6x - 5x$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 3x^2 + 1 + 9x^2 - 5x^3 - x + x^2 \\ &= -5x^3 + 13x^2 - x + 1\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & -3x^2 - 7x - 2x - 5x^2 - 6x - 7x^2 \\ &= -15x^2 - 15x\end{aligned}$$

$$\begin{aligned}(5) \quad & -x + 7x^3 + 9x - 5 - 7 - 3x \\ &= 7x^3 + 5x - 12\end{aligned}$$

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

$$\begin{aligned}(7) \quad & 3x^3 - 8x - 7x - 6x - 3x + 6x \\ &= 3x^3 - 18x\end{aligned}$$

$$\begin{aligned}(8) \quad & -7x + 6x - 6x^2 + 2x - 6x - 5x \\ &= -6x^2 - 10x\end{aligned}$$