

同類項をまとめよう

$$(1) \quad 5x^2 + 3x^3 + 5 - 8 - 8 - 6x^2$$

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

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

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

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

$$(6) \quad -7x^3 + 7 + 4x + x - 5x^3 + 9x^2$$

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

$$(8) \quad 5x - 8x^3 + 5x^3 + 6 + 9 - 7x^3$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 5x^2 + 3x^3 + 5 - 8 - 8 - 6x^2 \\ &= 3x^3 - x^2 - 11\end{aligned}$$

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

$$\begin{aligned}(3) \quad & 2x - 4x^2 - 3x - 9x^2 + 7x^3 - 6x^3 \\ &= x^3 - 13x^2 - x\end{aligned}$$

$$\begin{aligned}(4) \quad & 4x^2 - 9x^3 + 5x^3 + 5x^2 + 3 + 7x^2 \\ &= -4x^3 + 16x^2 + 3\end{aligned}$$

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

$$\begin{aligned}(6) \quad & -7x^3 + 7 + 4x + x - 5x^3 + 9x^2 \\ &= -12x^3 + 9x^2 + 5x + 7\end{aligned}$$

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

$$\begin{aligned}(8) \quad & 5x - 8x^3 + 5x^3 + 6 + 9 - 7x^3 \\ &= -10x^3 + 5x + 15\end{aligned}$$