

同類項をまとめよう

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

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

$$(3) \quad 1 + 7x^2 + 8x^2 - 3x^3 + 5 - 6x^3$$

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

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

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

$$(7) \quad 2x^3 - 6 + 8x^3 - 6 + 5x^3 + 9$$

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & 3x^3 - 9 + 7x^3 - 2x - 6x + 3x^2 \\ &= 10x^3 + 3x^2 - 8x - 9\end{aligned}$$

$$\begin{aligned}(3) \quad & 1 + 7x^2 + 8x^2 - 3x^3 + 5 - 6x^3 \\ &= -9x^3 + 15x^2 + 6\end{aligned}$$

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

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

$$\begin{aligned}(6) \quad & 6x^2 + 8 - 7x^3 + 6 + 7x^2 + 7x^3 \\ &= 13x^3 + 14\end{aligned}$$

$$\begin{aligned}(7) \quad & 2x^3 - 6 + 8x^3 - 6 + 5x^3 + 9 \\ &= 15x^3 - 3\end{aligned}$$

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