

同類項をまとめよう

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

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

$$(3) \quad -7x^3 - 8x - 6x^2 + 4 + 8x + 9x^2$$

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

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

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

$$(7) \quad 8x^3 - 5x^2 - 9x - 4x^3 + 5x^3 + 2$$

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 7x^3 - 6x^2 - 7 - 3 - 3x + 9x^2 \\ &= 7x^3 + 3x^2 - 3x - 10\end{aligned}$$

$$\begin{aligned}(2) \quad & -9x + 9x^2 + 5x^2 - 9x^3 - 2x^2 + 8x \\ &= -9x^3 + 12x^2 - x\end{aligned}$$

$$\begin{aligned}(3) \quad & -7x^3 - 8x - 6x^2 + 4 + 8x + 9x^2 \\ &= -7x^3 + 3x^2 + 4\end{aligned}$$

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

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

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

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

$$\begin{aligned}(8) \quad & -3 + 5 - 3x + 3x^3 + 2x^2 + 7x^3 \\ &= 10x^3 + 2x^2 - 3x + 2\end{aligned}$$