

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 5x^2 - 7x + 2 - 5x^3 - x^2 - x^3 \\ &= -6x^3 + 4x^2 - 7x + 2\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & 9x^2 + 6x + 6x^3 - 4 + 4x^2 - 4 \\ &= 6x^3 + 13x^2 + 6x - 8\end{aligned}$$

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

$$\begin{aligned}(6) \quad & 9x^3 - 9 + 2x^2 + x^2 + 3 + 9x^3 \\ &= 18x^3 + 3x^2 - 6\end{aligned}$$

$$\begin{aligned}(7) \quad & 9 - 9x^2 - 1 - 4x - 3x^2 + 4x^3 \\ &= 4x^3 - 12x^2 - 4x + 8\end{aligned}$$

$$\begin{aligned}(8) \quad & 6 + 2x - 5x^3 + 3x^2 + 7 + 7x^2 \\ &= -5x^3 + 10x^2 + 2x + 13\end{aligned}$$