

同類項をまとめよう

$$(1) \quad -2x^2 + 9x^3 + 3 + 7x^2 + 5x + x^2$$

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

$$(3) \quad -4x^2 - 8x^2 - 5x - 1 - 9x^2 - 5$$

$$(4) \quad 8x^2 + 6x^3 + 3x^3 + 1 - 9x + 9x^3$$

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

$$(6) \quad 2x^3 - 8x + 6x^2 + 3 + 4x^2 - 5x$$

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

$$(8) \quad -4x^3 + 5x + 4 - 1 - 9x^3 - 7x^2$$

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & -4x^2 - 8x^2 - 5x - 1 - 9x^2 - 5 \\ &= -21x^2 - 5x - 6\end{aligned}$$

$$\begin{aligned}(4) \quad & 8x^2 + 6x^3 + 3x^3 + 1 - 9x + 9x^3 \\ &= 18x^3 + 8x^2 - 9x + 1\end{aligned}$$

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

$$\begin{aligned}(6) \quad & 2x^3 - 8x + 6x^2 + 3 + 4x^2 - 5x \\ &= 2x^3 + 10x^2 - 13x + 3\end{aligned}$$

$$\begin{aligned}(7) \quad & 6x^3 + 3x^3 + 7 + 8x^2 + 6x^2 - 4x^2 \\ &= 9x^3 + 10x^2 + 7\end{aligned}$$

$$\begin{aligned}(8) \quad & -4x^3 + 5x + 4 - 1 - 9x^3 - 7x^2 \\ &= -13x^3 - 7x^2 + 5x + 3\end{aligned}$$