

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -4x^3 + 5 - 5x - 5x + 9x^2 - 8 \\ & = -4x^3 + 9x^2 - 10x - 3\end{aligned}$$

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

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

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

$$\begin{aligned}(5) \quad & -5x + 6x^2 - 3x^3 + 8 + 5x^2 + 6 \\ & = -3x^3 + 11x^2 - 5x + 14\end{aligned}$$

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

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

$$\begin{aligned}(8) \quad & 8x + x^2 + 5x^2 + 9x^2 + 9x^3 + 7x^3 \\ & = 16x^3 + 15x^2 + 8x\end{aligned}$$