

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & -8 + 6 + 7x^3 - 9 - 3x + 4x \\ &= 7x^3 + x - 11\end{aligned}$$

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

$$\begin{aligned}(4) \quad & 4x^3 + 8x^2 - 4 + 4x^2 - x - 4x^2 \\ &= 11x^3 - 4\end{aligned}$$

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

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

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

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