

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 9x^2 - 2x^3 + 2x^2 + 3x^3 + 8x - 9x \\ &= x^3 + 11x^2 - x\end{aligned}$$

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

$$\begin{aligned}(3) \quad & x + 4 - 5x^3 - 9x^3 + 8 + 2x^3 \\ &= -12x^3 + x + 12\end{aligned}$$

$$\begin{aligned}(4) \quad & -9x^3 + 5 + 3x - 8x^3 - 3 - 9x \\ &= -17x^3 - 6x + 2\end{aligned}$$

$$\begin{aligned}(5) \quad & -6 + 4x^3 - 8x^2 + 5x^3 + 8x + 5x \\ &= 9x^3 - 8x^2 + 13x - 6\end{aligned}$$

$$\begin{aligned}(6) \quad & -9 - 2 + 6 + 7x - 7 - 2x^2 \\ &= -2x^2 + 7x - 12\end{aligned}$$

$$\begin{aligned}(7) \quad & -3 + 9 - 8x^3 - 9x^3 - 2x - 3x^3 \\ &= -20x^3 - 2x + 6\end{aligned}$$

$$\begin{aligned}(8) \quad & 1 + 4x^3 - 1 - 7x^3 + 5x^2 - 3x^3 \\ &= -6x^3 + 5x^2\end{aligned}$$