

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

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

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

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

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

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

$$\begin{aligned}(7) \quad & -9x - 2x^3 + 6x - 4x - 7 + 2x \\ &= -2x^3 - 5x - 7\end{aligned}$$

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