

同類項をまとめよう

$$(1) \quad 7x^2 - 7x^2 + 3 + 8x - 7x - 6x^2$$

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

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

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

$$(5) \quad -2x + 9 + 2 - 8 - 6 - 8x^3$$

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

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

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & 3x^3 - 9x + 4x^2 - 5x - 4x^2 + 3x^2 \\ &= 3x^3 + 3x^2 - 14x\end{aligned}$$

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

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

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

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

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

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