

同類項をまとめよう

$$(1) \quad 5x^3 - x - 7x^3 + 9x - 9x^2 + 8x$$

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

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

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

$$(5) \quad -5x^3 + 7 - 8x^2 - 3x - 6x - 6$$

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 5x^3 - x - 7x^3 + 9x - 9x^2 + 8x \\ &= -2x^3 - 9x^2 + 16x\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & -4 - 9x - 3x^3 + x^3 - 7 - 4x \\ &= -2x^3 - 13x - 11\end{aligned}$$

$$\begin{aligned}(5) \quad & -5x^3 + 7 - 8x^2 - 3x - 6x - 6 \\ &= -5x^3 - 8x^2 - 9x + 1\end{aligned}$$

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

$$\begin{aligned}(7) \quad & -2x^3 - 2x - 2x - 5x^2 + 8 + 2 \\ &= -2x^3 - 5x^2 - 4x + 10\end{aligned}$$

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