

同類項をまとめよう

$$(1) \quad 4x^3 + x - 8 - 6x^2 - 3 - 6x^2$$

$$(2) \quad 2x + 3 - 3x - 6x + 5 - 1$$

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

$$(4) \quad 4x - 6x^2 - 5x^2 - 4x - 2x^2 + 9x$$

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

$$(6) \quad 3x + 3x^2 - 4 - 5x + 9x^3 - 6$$

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 4x^3 + x - 8 - 6x^2 - 3 - 6x^2 \\ &= 4x^3 - 12x^2 + x - 11\end{aligned}$$

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

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

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

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

$$\begin{aligned}(6) \quad & 3x + 3x^2 - 4 - 5x + 9x^3 - 6 \\ &= 9x^3 + 3x^2 - 2x - 10\end{aligned}$$

$$\begin{aligned}(7) \quad & 9x^3 + 2 + x^3 + 8x^3 + 7 + 8x^2 \\ &= 18x^3 + 8x^2 + 9\end{aligned}$$

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