

同類項をまとめよう

$$(1) \quad 8x^2 + 3x^2 - 4x^2 - 7x^3 - 6x^2 + 7x$$

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

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

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

$$(5) \quad 4x + 5x^2 - 8x^3 - 9 + 4x^2 - 6$$

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

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

$$(8) \quad -3 - 9x^2 + 3x + 1 + 4x^3 + 3$$

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & -3x^2 - 6x + 5 - 4 + x^2 - 6x \\ &= -2x^2 - 12x + 1\end{aligned}$$

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

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

$$\begin{aligned}(5) \quad & 4x + 5x^2 - 8x^3 - 9 + 4x^2 - 6 \\ &= -8x^3 + 9x^2 + 4x - 15\end{aligned}$$

$$\begin{aligned}(6) \quad & -8x^3 - 6x^3 - x^2 + x^3 + 9x - 3x^3 \\ &= -16x^3 - x^2 + 9x\end{aligned}$$

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

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