

同類項をまとめよう

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

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

$$(3) \quad -5x^3 + 8x^2 + x^2 - 1 - 8x^3 - 6x^3$$

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

$$(5) \quad -7 - 9x^2 + 8x^3 + 6 + 6x^2 + 5x^2$$

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

$$(7) \quad -3x^2 + 6x^2 + 5x^3 + 8x^2 + 9x^2 - 8$$

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

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & -5x^3 + 8x^2 + x^2 - 1 - 8x^3 - 6x^3 \\ &= -19x^3 + x^2 + 8x^2 - 1\end{aligned}$$

$$\begin{aligned}(4) \quad & -9x^2 - 6 - 9x^3 - 4 - 3x^2 - 6x^3 \\ &= -15x^3 - 9x^2 - 3x^2 - 10\end{aligned}$$

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

$$\begin{aligned}(6) \quad & 2 - 5x^3 + 7x^3 - 6x^2 - 5x^3 - 7x^3 \\ &= -10x^3 - 6x^2 + 2\end{aligned}$$

$$\begin{aligned}(7) \quad & -3x^2 + 6x^2 + 5x^3 + 8x^2 + 9x^2 - 8 \\ &= 5x^3 + 17x^2 + 3x^2 - 8\end{aligned}$$

$$\begin{aligned}(8) \quad & -7 - 2x^3 + x^2 - 9x^2 + 5x^3 + 7x^3 \\ &= 10x^3 - 9x^2 + x^2 - 7\end{aligned}$$