

同類項をまとめよう

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

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

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

$$(4) \quad 8x^2 + 6x^3 - 8x^3 + 9x^3 - 3x^2 + 7x$$

$$(5) \quad 7x^3 + 5 - 5 + 3x - 4x^2 + 3x$$

$$(6) \quad -5x^3 - 6x + 1 - 6x^3 - 4 - 6x$$

$$(7) \quad 3x^2 - 3 + x^3 + 5 + 6x - 4x^3$$

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -x + 6x^2 - 4x^2 + 7 + 7x - x \\ & = 2x^3 + 5x^2 + 7\end{aligned}$$

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

$$\begin{aligned}(3) \quad & 7x + 6x^2 - 7x^3 + 3x + 3x^2 + x^3 \\ & = -6x^3 + 9x^2 + 10x\end{aligned}$$

$$\begin{aligned}(4) \quad & 8x^2 + 6x^3 - 8x^3 + 9x^3 - 3x^2 + 7x \\ & = 7x^3 + 5x^2 + 7x\end{aligned}$$

$$\begin{aligned}(5) \quad & 7x^3 + 5 - 5 + 3x - 4x^2 + 3x \\ & = 7x^3 - 4x^2 + 6x\end{aligned}$$

$$\begin{aligned}(6) \quad & -5x^3 - 6x + 1 - 6x^3 - 4 - 6x \\ & = -11x^3 - 12x - 3\end{aligned}$$

$$\begin{aligned}(7) \quad & 3x^2 - 3 + x^3 + 5 + 6x - 4x^3 \\ & = -3x^3 + 3x^2 + 6x + 2\end{aligned}$$

$$\begin{aligned}(8) \quad & 5x^2 - 9 - 3x^2 - 3 - 3 - 9x^2 \\ & = -7x^2 - 15\end{aligned}$$