

同類項をまとめよう

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

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

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

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

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

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

$$(7) \quad -x^3 - 9x^3 - x^2 - 5x^3 - 2 - 4x^3$$

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -6 + 4x^3 - 4x + 3x^2 - 6x - 2x^2 \\ &= 4x^3 + x^2 - 10x - 6\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & 5x^3 + 9x + 6x^3 - 4 + 5 - 9x^3 \\ &= 2x^3 + 9x + 1\end{aligned}$$

$$\begin{aligned}(5) \quad & -6x - 6x^2 + 8 - 9x^2 - 6x + 5x \\ &= -15x^2 - 7x + 8\end{aligned}$$

$$\begin{aligned}(6) \quad & x^3 - x^3 - 5x^3 + 8x + 3x^2 - 7x^3 \\ &= -12x^3 + 3x^2 + 8x\end{aligned}$$

$$\begin{aligned}(7) \quad & -x^3 - 9x^3 - x^2 - 5x^3 - 2 - 4x^3 \\ &= -19x^3 - x^2 - 2\end{aligned}$$

$$\begin{aligned}(8) \quad & 2x^3 + 3 + 8x - 2 - x + 5x \\ &= 2x^3 + 12x + 1\end{aligned}$$