

同類項をまとめよう

$$(1) \quad 3x^3 - 7x^3 - 3x - 5x + 5x^3 + 1$$

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

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

$$(4) \quad 5x^3 + 6x^2 + 2 + 2 + 8x^3 - 7x^3$$

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

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

$$(7) \quad 4x^3 - 8x - 8x^3 - 5x + x^3 - 9x^2$$

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & 8x^2 + 9x^3 + x + 6x + 5x^3 - 2x^2 \\ &= 14x^3 + 6x^2 + 7x\end{aligned}$$

$$\begin{aligned}(3) \quad & -6x^3 - 8x^3 + 7x^2 - 8 + 3x^2 + 3 \\ &= -14x^3 + 10x^2 - 5\end{aligned}$$

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

$$\begin{aligned}(5) \quad & 6 - 6x - 7x^2 + 5 - 5x + 9x \\ &= -7x^2 - 2x + 11\end{aligned}$$

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

$$\begin{aligned}(7) \quad & 4x^3 - 8x - 8x^3 - 5x + x^3 - 9x^2 \\ &= -3x^3 - 9x^2 - 13x\end{aligned}$$

$$\begin{aligned}(8) \quad & -4x + 9x^2 - 7x^3 - 4x + 8 - 6x^3 \\ &= -13x^3 + 9x^2 - 8x + 8\end{aligned}$$