

同類項をまとめよう

$$(1) \quad 6x^3 + 4x^3 + 7x^3 + 9 - 1 + x^2$$

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

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

$$(4) \quad 5x + 8x^2 + 5x^3 - 3 - 5x + 1$$

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

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

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

$$(8) \quad 4x^3 - 9x - 1 - 4x^2 + 5x^3 + 5$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 6x^3 + 4x^3 + 7x^3 + 9 - 1 + x^2 \\ &= 11x^3 + x^2 + 6x + 8\end{aligned}$$

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

$$\begin{aligned}(3) \quad & -7x^3 + 7 - 3 + 6x^2 - 3x^3 - 6x^3 \\ &= -16x^3 + 6x^2 + 4\end{aligned}$$

$$\begin{aligned}(4) \quad & 5x^3 + 8x^2 + 5x^3 - 3 - 5x + 1 \\ &= 5x^3 + 8x^2 - 2\end{aligned}$$

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

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

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

$$\begin{aligned}(8) \quad & 4x^3 - 9x - 1 - 4x^2 + 5x^3 + 5 \\ &= 9x^3 - 4x^2 - 9x + 4\end{aligned}$$