

同類項をまとめよう

$$(1) \quad 1 + 2x^2 - 3 + 7x^3 + 1 + 8x$$

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

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

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

$$(5) \quad -7x^3 + 6x^2 - 5x - 2x - 5 + 1$$

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

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

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

同類項をまとめよう(解答)

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

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

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

$$\begin{aligned}(4) \quad & 5x^3 + 6x^2 - 7 - 4x + 5x^2 + 8x^2 \\ &= 5x^3 + 19x^2 - 4x - 7\end{aligned}$$

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

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

$$\begin{aligned}(7) \quad & -7x^2 + 2 - 4x^2 - 7x + 5x^3 - x \\ &= 5x^3 - 11x^2 - 8x + 2\end{aligned}$$

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