

同類項をまとめよう

$$(1) \quad -1 - 5x^2 + 6x^3 + 7x^3 + 9x - 2x$$

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

$$(3) \quad 8x + 3x^2 - 1 - 7x - 6x^2 + 7x$$

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -1 - 5x^2 + 6x^3 + 7x^3 + 9x - 2x \\ &= 13x^3 - 5x^2 + 7x - 1\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & -2x^2 - 9x^3 - 2x^3 - 3 + 9x^2 - 5x^3 \\ &= -16x^3 + 7x^2 - 3\end{aligned}$$

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

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

$$\begin{aligned}(7) \quad & -9x + 8x^3 - 7x^3 + 6x^2 + 9x^3 - 5 \\ &= 10x^3 + 6x^2 - 9x - 5\end{aligned}$$

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