

同類項をまとめよう

$$(1) \quad -5x^2 + 7x^3 + 6x^2 - 5x^2 - 8x - 9x$$

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & -5x^2 + 7x^3 + 6x^2 - 5x^2 - 8x - 9x \\ & = 7x^3 - 4x^2 - 17x\end{aligned}$$

$$\begin{aligned}(2) \quad & -3x^2 + 5 + 8x - 9x^2 + 8x - 5x^2 \\ & = -17x^2 + 16x + 5\end{aligned}$$

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

$$\begin{aligned}(4) \quad & -6 + 4x^2 + 7x^2 - 7x + 7 - 3x \\ & = 11x^2 - 10x + 1\end{aligned}$$

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

$$\begin{aligned}(6) \quad & 3x^2 + 6x^2 + 4x + x^2 - 2x^3 + 5x \\ & = -2x^3 + 10x^2 + 9x\end{aligned}$$

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

$$\begin{aligned}(8) \quad & 6x - 7x^2 + 2x - 4 - 7x^2 + x^3 \\ & = x^3 - 14x^2 + 8x - 4\end{aligned}$$