

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & -6x^2 + 8x - 5x^2 - 2x + 5 + 3 \\ &= -11x^2 + 6x + 8\end{aligned}$$

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

$$\begin{aligned}(4) \quad & 4x^2 + 8x^2 + 2x^3 + 2x^3 - 2x^2 + 9 \\ &= 4x^3 + 10x^2 + 9\end{aligned}$$

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

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

$$\begin{aligned}(7) \quad & -7x^2 + x^3 + 5x^3 - 5x^2 - 7x^3 - 6x^2 \\ &= -x^3 - 18x^2\end{aligned}$$

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