

同類項をまとめよう

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

$$(2) \quad 8x + 2x^3 + 6x^2 + 6x^2 - 4x + 9$$

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

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

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

$$(6) \quad 5x - 9x^3 - 6x^2 - 4x + 9x + 3x^2$$

$$(7) \quad 9x^3 - 5x^3 - 6x^2 - 6x^2 - 2x - 4x$$

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & 8x + 2x^3 + 6x^2 + 6x^2 - 4x + 9 \\ &= 2x^3 + 12x^2 + 4x + 9\end{aligned}$$

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

$$\begin{aligned}(4) \quad & 7x - 2x + 6x + 1 + 2x^3 + 3x^3 \\ &= 5x^3 + 11x + 1\end{aligned}$$

$$\begin{aligned}(5) \quad & 3x^2 - 4x + 8x^2 - 2x^3 - 3x + 1 \\ &= -2x^3 + 11x^2 - 7x + 1\end{aligned}$$

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

$$\begin{aligned}(7) \quad & 9x^3 - 5x^3 - 6x^2 - 6x^2 - 2x - 4x \\ &= 4x^3 - 12x^2 - 6x\end{aligned}$$

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