

同類項をまとめよう

$$(1) \quad 8 - 4x + 7 + 5x^2 - 5x^3 + 5x^3$$

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

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

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

$$(5) \quad -1 + 6x^3 + 7x + 3 - x^3 + 4x^3$$

$$(6) \quad -4x - 1 + 4x^3 + 8x^2 + 2x^3 + 2x^3$$

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

$$(8) \quad 3x + 9x - 2x^2 + 1 + 4 - 5$$

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 8 - 4x + 7 + 5x^2 - 5x^3 + 5x^3 \\ &= 5x^3 - 4x + 15\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & 9x^2 + 2x^2 + 4x + 3x^3 + 8x^3 - 9x^2 \\ &= 11x^3 + 2x^2 + 4x\end{aligned}$$

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

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

$$\begin{aligned}(7) \quad & -3x^3 + 8x - 7 + 9x^2 - 9 - 3 \\ &= -3x^3 + 9x^2 + 8x - 19\end{aligned}$$

$$\begin{aligned}(8) \quad & 3x + 9x - 2x^2 + 1 + 4 - 5 \\ &= -2x^2 + 12x\end{aligned}$$