

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & 4 + 9x^2 + 4 - 5x - 4x + 6x^2 \\ &= 15x^2 - 9x + 8\end{aligned}$$

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

$$\begin{aligned}(5) \quad & 9x^3 + 9x^3 + 5x - 3x^3 - 9 - 9x^2 \\ &= 15x^3 - 9x^2 + 5x - 9\end{aligned}$$

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

$$\begin{aligned}(7) \quad & 3 + 7 + 2 - 8x^3 - 5x^3 + 3x^2 \\ &= -13x^3 + 3x^2 + 12\end{aligned}$$

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