

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

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

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

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

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

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

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

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