

同類項をまとめよう

$$(1) \quad 9 - 5x^2 - 8 + 7x - 6x^3 + 4$$

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

$$(3) \quad 5 + 6 + 8x^3 + 7 + x^2 + 4$$

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

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

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

$$(7) \quad 3 - 1 - 5x + 6x^2 + 5x^3 - 8$$

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 9 - 5x^2 - 8 + 7x - 6x^3 + 4 \\ &= -6x^3 - 5x^2 + 7x + 5\end{aligned}$$

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

$$\begin{aligned}(3) \quad & 5 + 6 + 8x^3 + 7 + x^2 + 4 \\ &= 8x^3 + x^2 + 22\end{aligned}$$

$$\begin{aligned}(4) \quad & 2x + 7 + 7x^3 + 1 + 7x + 5x^2 \\ &= 7x^3 + 5x^2 + 9x + 8\end{aligned}$$

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

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

$$\begin{aligned}(7) \quad & 3 - 1 - 5x + 6x^2 + 5x^3 - 8 \\ &= 5x^3 + 6x^2 - 5x - 6\end{aligned}$$

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