

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 9x + 7x^3 - 8 - 5x^3 + 5 + 4x \\ &= 2x^3 + 13x - 3\end{aligned}$$

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

$$\begin{aligned}(3) \quad & -6x + 2x^3 - 7 + 3x^3 + 9x - 7 \\ &= 5x^3 + 3x - 14\end{aligned}$$

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

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

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

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

$$\begin{aligned}(8) \quad & 4x + 8x^3 + 7x^3 + 2x^2 + 4x^2 - 9x^2 \\ &= 15x^3 - 3x^2 + 4x\end{aligned}$$