

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

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

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

$$\begin{aligned}(4) \quad & 6x^3 + 5 + 4 + 7x^2 - 8x + 5 \\ &= 6x^3 + 7x^2 - 8x + 14\end{aligned}$$

$$\begin{aligned}(5) \quad & 4x^2 + 7x^3 + 7x + 5x - x^2 - 7x^3 \\ &= 3x^3 + 12x^2\end{aligned}$$

$$\begin{aligned}(6) \quad & 6 + 3x^2 - 5x + 6 + 6x^3 - 5x \\ &= 6x^3 + 3x^2 - 10x + 12\end{aligned}$$

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

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