

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

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

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

$$\begin{aligned}(3) \quad & 7x^2 + 7 - 1 + x^3 + x + 5 \\ &= x^3 + 7x^2 + x + 11\end{aligned}$$

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

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

$$\begin{aligned}(6) \quad & -9x - 2x^2 + 7x + 9x^2 - 8x + 4 \\ &= 7x^2 - 10x + 4\end{aligned}$$

$$\begin{aligned}(7) \quad & 2x + x^2 - 8x^2 + 6x^3 - 3x^2 + 6 \\ &= 6x^3 - 10x^2 + 2x + 6\end{aligned}$$

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