

同類項をまとめよう

$$(1) \quad 4x^2 + 2 + 4x^2 + 9x + 9 - 9x^2$$

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 4x^2 + 2 + 4x^2 + 9x + 9 - 9x^2 \\ &= -5x^2 + 13x + 11\end{aligned}$$

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

$$\begin{aligned}(3) \quad & 7x^2 + 8x^3 - 6 - 8 + 6x^2 - 7x \\ &= 8x^3 + 13x^2 - 7x - 14\end{aligned}$$

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

$$\begin{aligned}(5) \quad & -6x^3 - 3x - 6 - 2x^3 - 5x^3 + 3x \\ &= -13x^3 - 6\end{aligned}$$

$$\begin{aligned}(6) \quad & -1 - 5x^3 - 3x - 5x + x - 3x \\ &= -5x^3 - 10x - 1\end{aligned}$$

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

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