

同類項をまとめよう

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

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 7x^2 + 9 - 4x^3 + 9x^2 - 3x^2 + 7 \\ &= -4x^3 + 13x^2 + 16\end{aligned}$$

$$\begin{aligned}(2) \quad & 3x^3 - 2 + 8x^2 - 1 + 6x^2 + 2x \\ &= 3x^3 + 14x^2 + 2x - 3\end{aligned}$$

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

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

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

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

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

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