

同類項をまとめよう

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

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

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

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

$$(5) \quad 3x^2 - 5x^2 - 8x + 6 - 9x^2 + 3x^2$$

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

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

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

同類項をまとめよう(解答)

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

$$\begin{aligned}(2) \quad & -7x + 3x^2 + 5x^2 + 3 + 7x^2 + 6x^2 \\ &= 21x^3 - 7x + 3\end{aligned}$$

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

$$\begin{aligned}(4) \quad & 7x + 7x^2 + x^2 + 5x^2 + 7x^2 + x \\ &= 20x^3 + 8x^2\end{aligned}$$

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

$$\begin{aligned}(6) \quad & -x^2 - 8x + 3x + 6x^2 + 8 + 9x \\ &= 5x^3 + 4x^2 + 8\end{aligned}$$

$$\begin{aligned}(7) \quad & 8x^3 - 5 - 6x^2 - 6x^2 + 8x^3 - 3x^3 \\ &= 13x^3 - 12x^2 - 5\end{aligned}$$

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