

同類項をまとめよう

$$(1) \quad 8x^2 + 7x^3 + 7x^3 + 7x - 3 + 9$$

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

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

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

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

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

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

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

同類項をまとめよう(解答)

$$\begin{aligned}(1) \quad & 8x^2 + 7x^3 + 7x^3 + 7x - 3 + 9 \\ &= 14x^3 + 8x^2 + 7x + 6\end{aligned}$$

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

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

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

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

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

$$\begin{aligned}(7) \quad & -9x + 3 - 6x + 2x^3 + 5x^3 - 6x^2 \\ &= 7x^3 - 6x^2 - 15x + 3\end{aligned}$$

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