

同類項をまとめよう

$$(1) \quad 4x^2 + 9x^3 + 7x^3 + 4x^3 + 5x^3 + 8x$$

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

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

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

$$(5) \quad -5 - x - x - 4x^3 + 6x^2 - 9$$

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

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

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

同類項をまとめよう(解答)

$$(1) \quad 4x^2 + 9x^3 + 7x^3 + 4x^3 + 5x^3 + 8x \\ = 25x^3 + 4x^2 + 8x$$

$$(2) \quad -6x + 4x + 9x^2 + 4x^2 - 8x + 6x^2 \\ = 19x^3 - 10x$$

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

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

$$(5) \quad -5 - x - x - 4x^3 + 6x^2 - 9 \\ = -4x^3 + 6x^2 - 2x - 14$$

$$(6) \quad -5 - 4x^2 - 3x + 6 - x^3 + 4x^3 \\ = 3x^3 - 4x^2 - 3x + 1$$

$$(7) \quad -2x^3 - 6x^3 + 2x^2 + 5x + 9x^2 - 9x^3 \\ = -17x^3 + 11x^2 + 5x$$

$$(8) \quad 8x^3 + 6 + 2x^2 + x + 3x^2 + 9 \\ = 8x^3 + 5x^2 + x + 15$$