

同類項をまとめよう

$$(1) \quad 8x^2 + x^2 - 9x^2 + 3x^3 + 6x^3 + x^2$$

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

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

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

$$(5) \quad 9x^3 + 8x + 6 - 7x + 2x^3 - 9$$

$$(6) \quad -9x^2 + x^3 - 7x - 2x^2 - 1 - 9x$$

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

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

同類項をまとめよう(解答)

$$(1) \quad 8x^2 + x^2 - 9x^2 + 3x^3 + 6x^3 + x^2 \\ = 9x^3 + x^2$$

$$(2) \quad -5x^2 + 4x^3 - 5x^2 + x^3 + 5 - 2 \\ = 5x^3 - 10x^2 + 3$$

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

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

$$(5) \quad 9x^3 + 8x + 6 - 7x + 2x^3 - 9 \\ = 11x^3 + x - 3$$

$$(6) \quad -9x^2 + x^3 - 7x - 2x^2 - 1 - 9x \\ = x^3 - 11x^2 - 16x - 1$$

$$(7) \quad -6x^2 + 6x^3 + 5x - 4x - 6x^2 - 7x^3 \\ = -x^3 - 12x^2 + x$$

$$(8) \quad -5x^2 - 2x - 4x^2 - 5x^2 - x - 4x^2 \\ = -18x^2 - 3x$$