

$$(h - f)(x) = h(x) - f(x) = -6x^2 + 9x + 4 - (8x^3 - 7x + 1)$$

$$= -6x^2 + 9x + 4 - 8x^3 + 7x - 1 = -8x^3 - 6x^2 + 9x + 7x + 4 - 1$$

$$= -8x^3 - 6x^2 + 16x + 3$$