

$$(g-f)(x) = g(x) - f(x) = 8x^3 - 8x^2 - 8x - (8x^3 - 7x + 1)$$

$$= 8x^3 - 8x^2 - 8x - 8x^3 + 7x - 1 = 8x^3 - 8x^3 - 8x^2 - 8x + 7x - 1$$

$$= -8x^2 - x - 1$$