

$$f(x) = (a+b)(a-b) \quad a^2 - ab + ba - b^2 \quad a^2 - ab + ba - b^{22} + b^2(x) = 3x^5 + x^4 + 2x^3 \int_1^2 \ln x dx$$
$$f(x) = (a+b)(a-b) \quad a^2-ab+ba-b^2 \quad a^2-ab+ba-b^{22}+b^2(x) = 3x^5+x^4+2x^3 \int_1^2 \ln x dx \quad \int_1^2 \ln x dx$$
$$f(x) = (a+b)(a-b)a^2 - ab + ba - b^2a^2 - ab + ba - b^2a^2 + b^2f(x) = 3x^5 + x^4 + 2x^3 \int_1^2 \ln x dx$$

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