

Name: _____

Given $f(x)$, find $f'(x)$. Don't simplify.

1. $f(x) = \frac{3}{x} + e^{-3x} + 72$

2. $f(x) = e^x \ln(x) + 2x + 1$

3. $f(x) = (x^2 + 2)^{100}$

4. $f(x) = \frac{\ln(x^2+5)}{e^x+1}$

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