1. Compute the derivatives of the following. Simplify them.

(a) \( f(x) = \frac{2}{x^3} + \ln(x) \)

(b) \( g(x) = 4x^3 \ln(x) \)

(c) \( h(x) = \frac{1 - e^x}{1 + e^x} \)