

MATH 31 - Calculus. Homework 8. Due Th. 04/10/2025. Professor Luis Fernández

NAME:_____

Do not write your answers here. Use the graph paper attached to do the graph.

Write your answers in other sheets and **STAPLE** them to this one.

1. Do a complete analysis (that is, do items A through H from section 4.5 in the book, or from the class notes) of the function $f(x) = \frac{x^3}{x^3 - 1}$

2. Same exercise for the function $\frac{\ln x}{x^2}$.



