

Name: _____

Panther ID: _____

Worksheet week 11

Calculus I

Spring 2015

1. Give a complete graph for $f(x) = \frac{\ln x}{x^2}$. The actual graph should be supported by your work, which should include: domain, critical points (coordinates and type of critical points), sign chart for f' and f'' , inflection points, end behavior of the function and eventual asymptotes (vertical/horizontal).