

Name _____

MATH-1951

Quiz 7 - (4.1, 4.3, 4.5)

Answer the following questions, and show your work. Answers need not be simplified.

Scientific calculator only.

[1] (10 points) Graph the following function, including critical points, regions where the function is increasing or decreasing, points of inflection, regions where the function is concave up or concave down, intercepts where possible, and asymptotes where applicable.

$$f(x) = \frac{9x}{(x-1)^2}$$

