

Name _____ Calc I Quiz
Take home quiz Prof. Battaly

Sketch the following function, using [DRive A Car NEXT](#) trip, and showing all your work. Be sure to include tests for Relative Extrema Inflection Points. (Domain, Range, Intercepts, Asymptotes, Critical Numbers, Extrema, and Inflection Points or Concavity) **Show all your work.**

$$y = \frac{x^2}{9 - x^2}$$