Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Curve Sketching Quiz**

Sketch the graph of the function: and label all relative extrema as well as inflection points.

*Hint: Use Mathematica (or Wolfram Alpha) to help you find the first and second derivatives, critical and possible inflection points, the graph, etc.*

1. Domain:
2. Asymptotes:
   1. v.a.:
   2. h.a.:

1. Critical points:

Possible infl. pts:

1. Setting up the table

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1. Find zeros:
2. Find y-intercept:
3. Evaluate f