Question 1

Given the first derivative of the continuous function y = f(x). Find y” and sketch the graph of f.

y’ = tan x, -pi/2<x<pi/2

I know y”= sec2x - I need the graph and critical, inflection, and max/min points along with a picture of the graph or what need to be entered into my TI-84.

Question 2

Identify the inflection points, local max and min of the function and intervals of concave up and down.

$$y=\frac{9}{14}x^{\frac{1}{3}}(x^{2}-7)$$