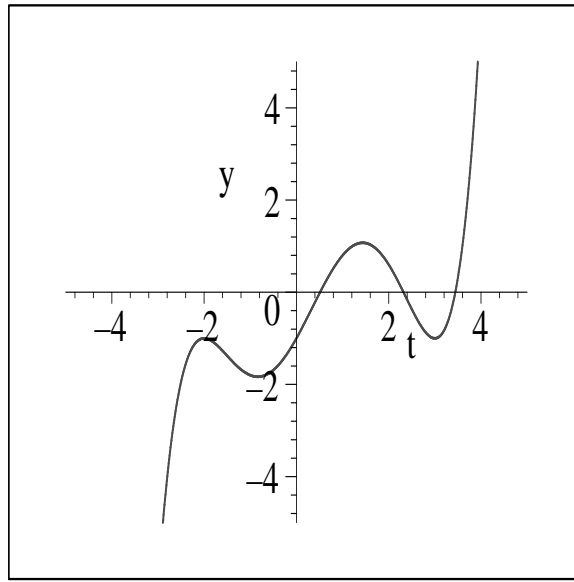


Quiz 8

MATH 139-01 and -02
Thursday, October 2, 2003

Be sure to **show your work**. Unsupported answers receive no credit.

1. Below is a graph of the function f . Sketch an approximate graph of the derivative of f on the same axes.



2. For the graph in Number 1, determine approximate intervals on which $f''(x)$ is positive and approximate intervals on which $f''(x)$ is negative.