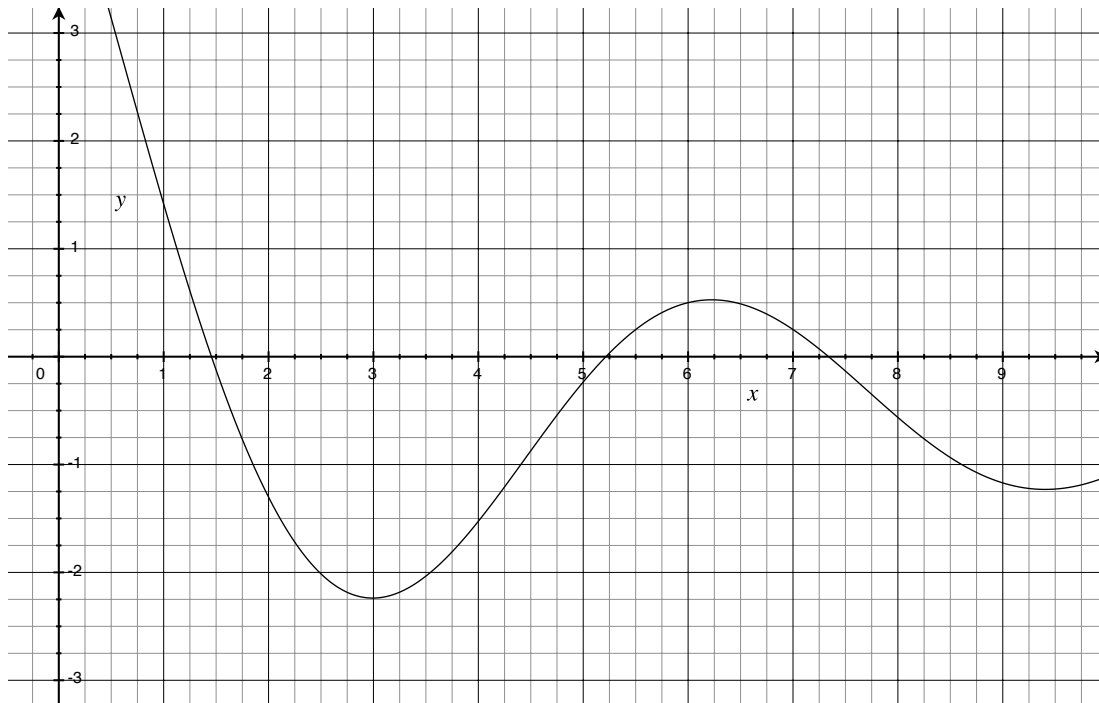


Name: _____

You have five minutes to complete the following problems, without using your notes or your book.

The graph of a function $f(x)$ is shown below.



1. Estimate the intervals on which the derivative of $f(x)$ is positive and the intervals on which the derivative is negative.

2. Estimate the intervals on which the second derivative of $f(x)$ is positive and the intervals on which the second derivative is negative.