PicTeX-Test # 1
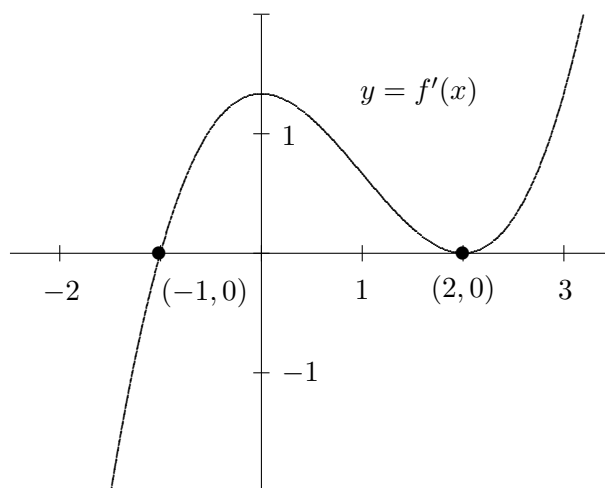
Name :_____

When using LaTeX , you can drop a tex file into a problem by invoking the pictex package. The code in the preamble is:

\usepackage{pictex}

1. Consider the graph of $y = f'(x)$

State all the intervals where $f(x)$, the original function, is increasing.

State all the intervals where $f(x)$ is decreasing.

Draw an approximate graph of $y = f''(x)$. Indicate your scales.

State all the intervals where $f(x)$ is concave up.

The above graph was included in the file with the following code:

\centerline{ \input testpict1.tex }

Done in LaTeX.