6. (11 points) The graph of a continuous differentiable function $f$ is given below. Use the graph to answer the following. No explanation necessary.

(a) List all labelled points (if any) where $f'$ and $f''$ are both positive.

(b) List all labelled points (if any) where $f'$ and $f''$ are both negative.

(c) List all labelled points (if any) where $f$ and $f'$ are both positive.

(d) List all labelled points (if any) where $f$ and $f'$ are both both negative.

(e) List all labelled points (if any) where at least two of $f$, $f'$, $f''$ are zero.