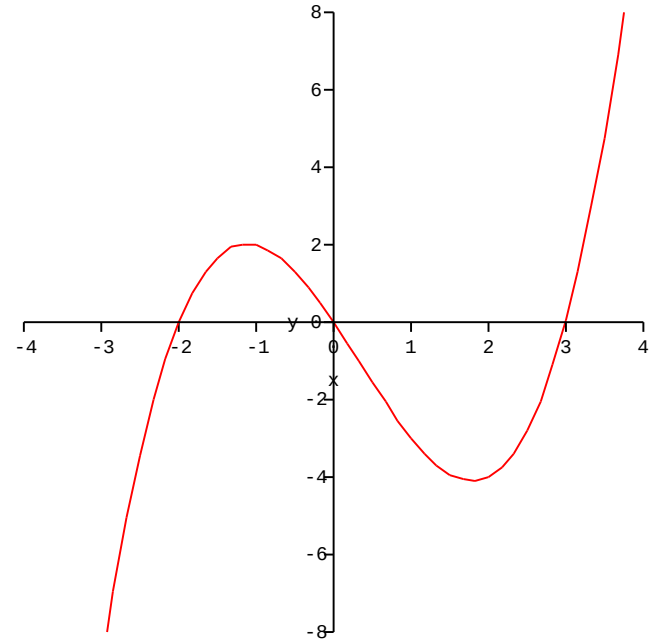
The graph of f' is given below. *This is not the graph of f!!*

1. Where does f have stationary points?
2. On which intervals is f increasing? decreasing?
3. Where does f achieve local maxima? local minima?
4. Where does f have inflection points?
5. Where is f concave up? concave down?
6. Suppose that $f(0) = 0$. Sketch a graph of f.
7. How does the graph change if $f(0) = 3$?



Graph of f'