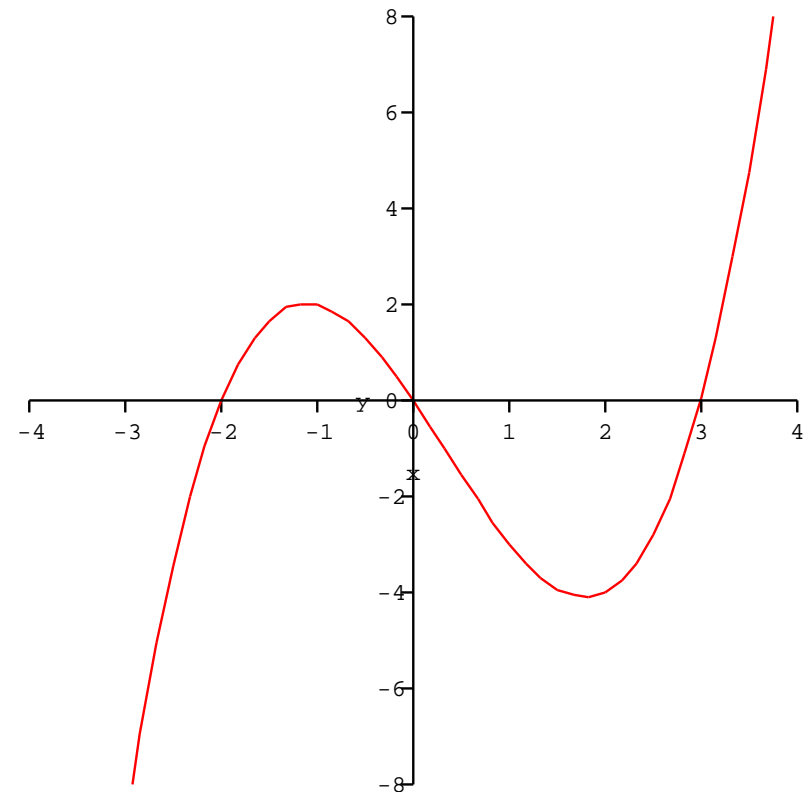


The graph of  $f'$  is given below. *This is not the graph of  $f$ !!*

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  $f(0) = 3$ ?



Plot of  $y = f'(x)$