Unit 5 FRQ Practice Test

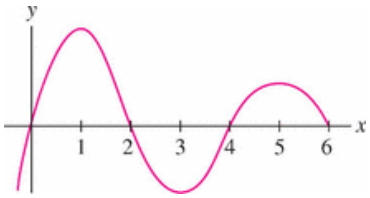

FIGURE 1

1. Determine the intervals on which $f(x)$ is increasing or decreasing, assuming that **Figure 1** is the graph of $f'(x)$. Justify your answer.

2. Determine what values of x on which $f(x)$ has a relative minimum or maximum, assuming that **Figure 1** is the graph of $f'(x)$. Justify your answer.

3. Determine the intervals on which $f(x)$ is concave up and concave down, assuming that **Figure 1** is the graph of $f'(x)$. Justify your answer.

4. At what x-value(s) does $f(x)$ have a point of inflection, assuming that **Figure 1** is the graph of $f'(x)$. Justify your answer.