Graphical Interpretations
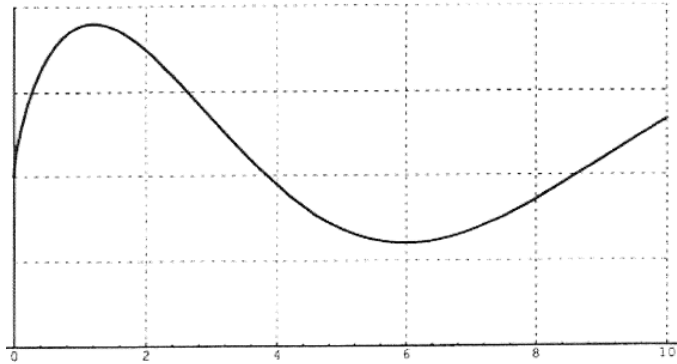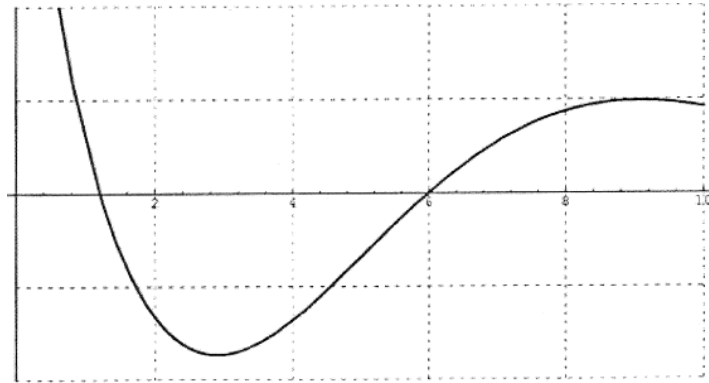
1. Given the following graph of $f(x)$, answer the following questions:

a) Where is f increasing? Where is f decreasing?

b) Where does f have a local max? Local min?

c) Where does f have points of inflection?

d) Where is f concave up? Where is f concave down?

2. Given the following graph of $f'(x)$, answer the following questions:

a) Where is f increasing? Where is f decreasing?

b) Where does f have a local max? Local min?

c) Where does f have inflection points?

d) Where is f concave up? Concave down?