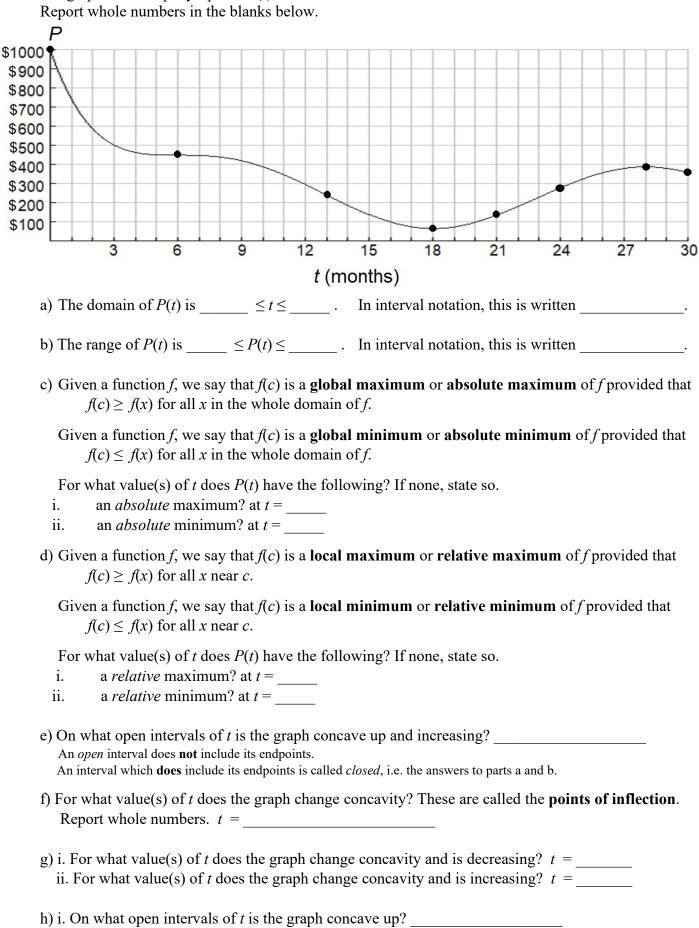
Classifying Parts of Curves

1. Use the graphs A through F and insert the letter choice in the blank. Some parts may have more than one answer.

A B C D E F
a) Which graphs are increasing?
b) Which graphs are decreasing?
c) Which graphs are concave up?
d) Which graphs are concave down?
e) Which graphs have no concavity?
f) Which graph could model the following?
In the last quarter of 2009, the economy lost jobs less quickly.
United States economic growth accelerates.
The revenue is climbing at a steady rate
Greenland ice loss is accelerating.
The rise in the profits is slowing.



ii. On what open intervals of t is the graph concave down?

2. The graph of a company's profit P(t) in dollars at month t is shown.