Classifying Parts of Curves KEY

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

2. The graph of a company's profit P(t) in dollars at month *t* is shown. Report whole numbers in the blanks below.

