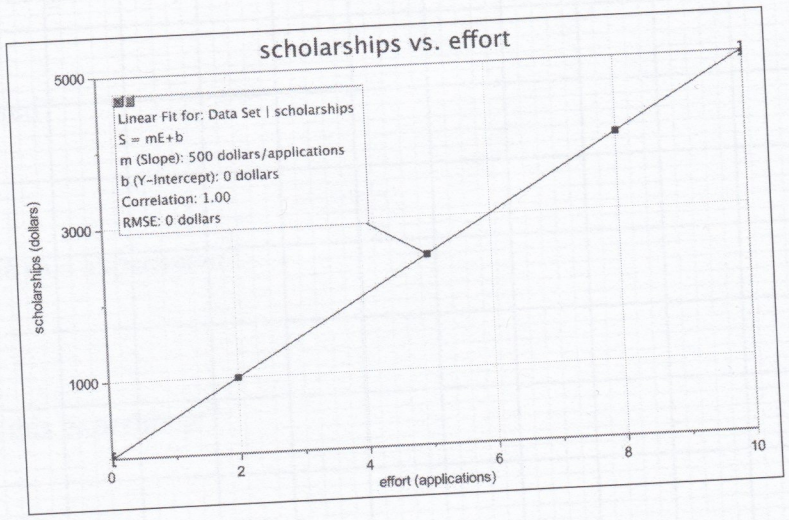
5. Consider the graph at right.



a. Write a mathematical expression that describes the relationship.

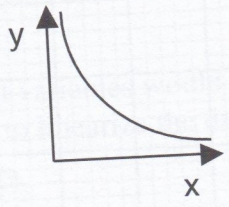
b. Provide an interpretation for the y-intercept.

c. Using the equation, predict how many applications would be needed to earn $8000.

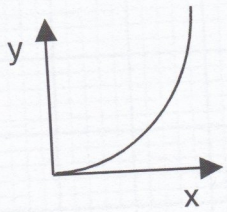
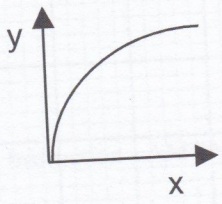
6. For each of the following graphs:

- Describe how you would linearize the graph.
- Assuming a linear test plot results, write the equation that would describe the straight line produced.

a.



b.



c.