**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Quiz 1-2**

**For each sequence below:**

* **Determine the next three terms**
* **Label the sequence linear, exponential, or neither.**

1)17, 14, 11, 8,\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ 2)1, 4, 9, 16\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Type of Sequence – Type of Sequence –

3) 2, 4, 6, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ 4) 1, 3, 9, 27, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Type of Sequence – Type of Sequence –

5) A population of bacteria is doubling every hour in a local lake. The number of bacteria is a function of time. Sketch a graph of the function to show the type of function that best models the situation.

