

## Biology Essentials- **Exponential Growth**

Name: \_\_\_\_\_

1: Write the **equation** for **exponential growth**- *define each part. (What do you need to know?)*

2: In a “stable” population, the growth rate: \_\_\_\_\_

3: What does “d” mean in this equation?

4: How could you *easily find* the value of an exponential growth curve?

5: Why is exponential growth also called a “**J-shaped**” curve?

6: What is the **algebraic solution** to exponential growth? Write the equation and define each.

7: In exponential growth, “*Is the sky the limit?*”

What are some of the factors that inhibit population growth?