$y=a b^{x}$

Growth if:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Decay if:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **Example: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Example: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| x | y |
| - 2 |  |
| - 1 |  |
| 0 |  |
| 1 |  |
| 2 |  |

y=2•4x **y= 1•.5x**

|  |  |
| --- | --- |
| x | y |
| - 2 |  |
| - 1 |  |
| 0 |  |
| 1 |  |
| 2 |  |

**Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**