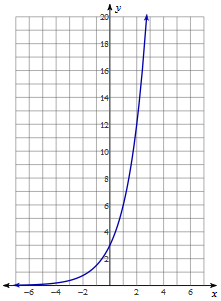
Algebra 1 ~ Day 2, 10/3/2017 Unit 4 Practice Quiz Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Use the given graph to identify the characteristics.

Domain \_\_\_\_\_\_\_\_\_\_\_

Range \_\_\_\_\_\_\_\_\_\_\_

Asymptote \_\_\_\_\_\_\_

X-intercept \_\_\_\_\_\_\_

Y-intercept \_\_\_\_\_\_\_

End Behavior:

As

As

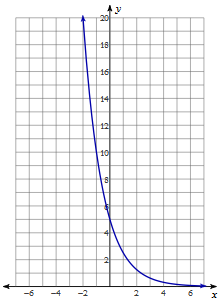
*Circle one:*

Increasing or Decreasing

AROC [0, 1]:

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

1. Use the given graph to identify the characteristics.

Domain \_\_\_\_\_\_\_\_\_\_

Range \_\_\_\_\_\_\_\_\_\_\_

Asymptote \_\_\_\_\_\_\_

X-intercept \_\_\_\_\_\_\_

Y-intercept \_\_\_\_\_\_\_

End Behavior:

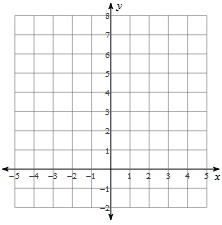
As

As

*Circle one:*

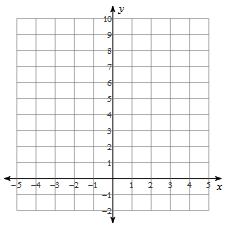
Increasing or Decreasing

AROC [-1, 0]:

**Fill in the table for each exponential function and then graph the function.**

|  |  |
| --- | --- |
| x | y |
| -3 |  |
| -2 |  |
| -1 |  |
| 0 |  |
| 1 |  |
| 2 |  |
| 3 |  |



~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

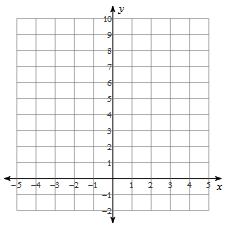


|  |  |
| --- | --- |
| x | y |
| -3 |  |
| -2 |  |
| -1 |  |
| 0 |  |
| 1 |  |
| 2 |  |
| 3 |  |

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~



|  |  |
| --- | --- |
| x | y |
| -3 |  |
| -2 |  |
| -1 |  |
| 0 |  |
| 1 |  |
| 2 |  |
| 3 |  |



Consider the parent function . How would the original graph be transformed if:

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Write an equation for the given graphs:

1. 