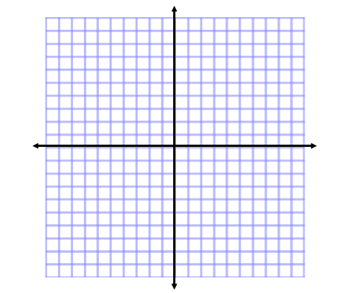
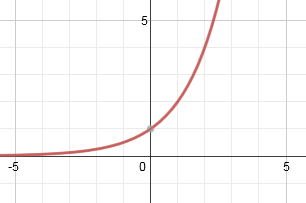
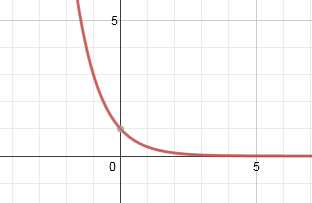
**Exponential Funtions**

Name:

Unit 8 Day 1 Homework

**Given the graph of each function, find the *y*-intercept and state the domain and range.**

**1. *y* = 2. *y* =**

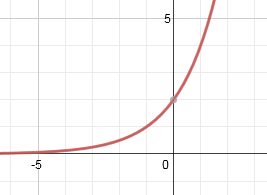
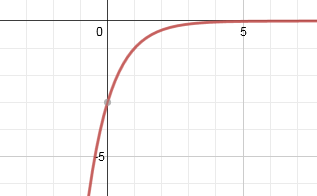
 

y-intercept: y-intercept:

domain: domain:

range: range:

**3. *y* = 2() 4. *y* = -3**

y-intercept: y-intercept:

domain: domain:

range: range:

Describe the transformations that occurred between the following functions & the parent function.

5. 6.

Evaluate each expression. SHOW YOUR WORK!!!

7. 8.

9. 10.

11. 12.

13. 14.

15. 16.